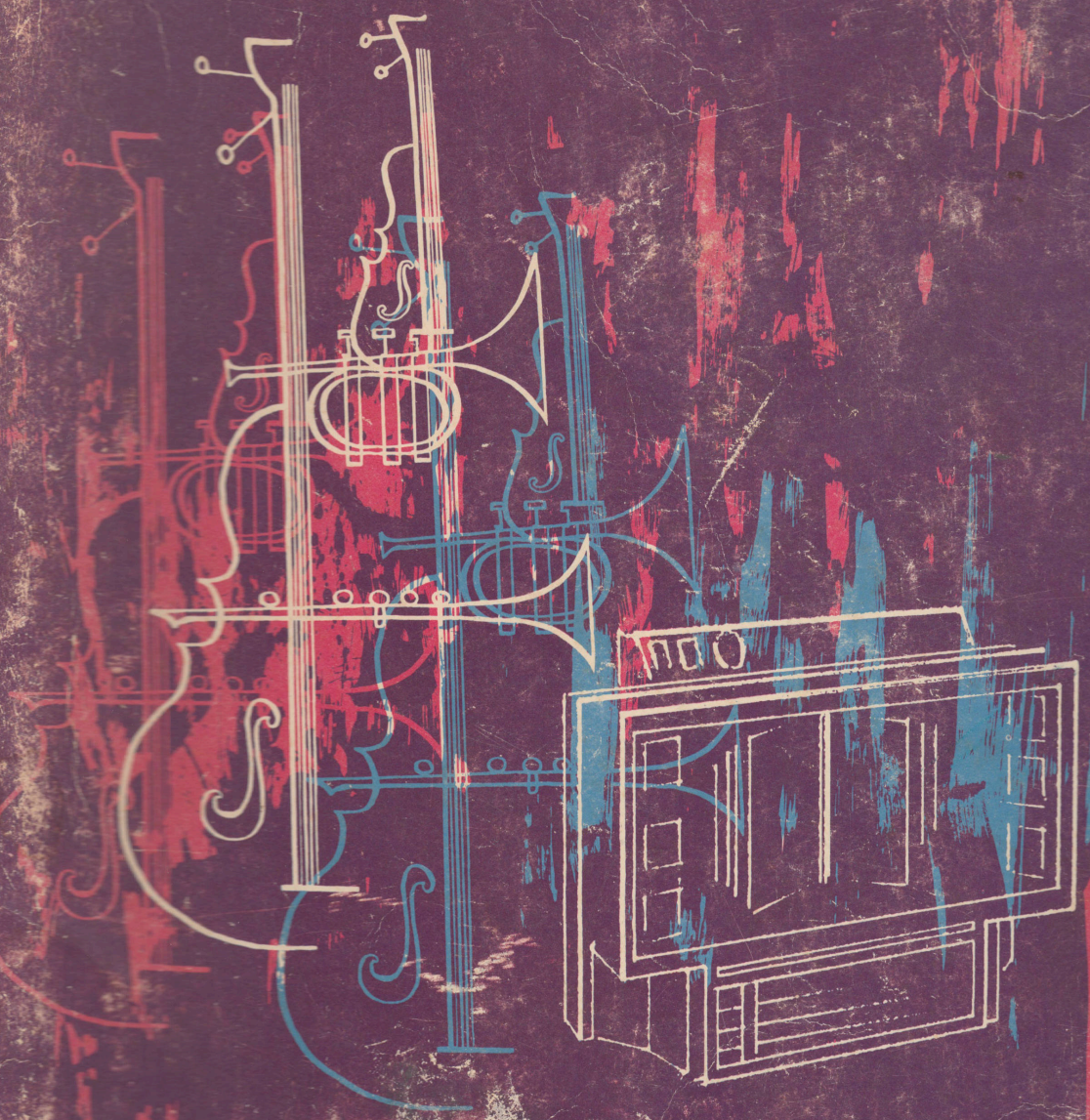
# WALL-ETTE



instruction manual · parts catalog

ROWE MANUFACTURING 1500 Union Ave. S.E. Grand Rapids, Mich.

Rowe AMI

WALL-ETTE

instruction manual · parts catalog

April 1, 1966

MANUAL PART NO.
100-30000-A

# INSTRUCTION SHEET

## CHANGE PAGES - WALL-ETTE (WR SERIES) WALL CONSOLE
.....Instruction Manual and Parts Catalog

These change pages are provided to update and correct your Rowe AMI Wall-Ette Instruction Manual and Parts Catalog.

New change pages are listed below. Remove and destroy the pages listed in the "Old Pages" column; replace old pages with pages listed in the "New Pages" column.

| Old Pages | New Pages |
|---|---|
| i, ii | i, ii |
| 3-1, 3-2 | 3-1, 3-2 |
| 4-1, 4-2 | 4-1, 4-2 |
| 6-1, 6-2 | 6-1, 6-2 |
| 6-5, 6-6 | 6-5, 6-6 |
| 6-7, 6-8 | 6-7, 6-8 |
| 8-3/ 8-4 | 8-3/ 8-4 |
| 8-5/ 8-6 | 8-5/ 8-6 |
| 9-1, 9-2, 9-3, 9-4 | 9-1, 9-2 |
| 9-5, 9-6 | 9-3, 9-4 |
| 9-7, 9-8 | 9-5, 9-6 |
| 9-9, 9-10 | 9-7, 9-8 |
| 9-11, 9-12 | 9-9, 9-10 |
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| 9-15, 9-16 | 9-13, 9-14 |
| 9-17/ 9-18 | 9-15/ 9-16 |
| 10A-1/ 10A-2 | 10A-1/ 10A-2 |
| 10A-5/ 10A-6 | 10A-5/ 10A-6 |
| 10A-7/ 10A-8 | 10A-7/ 10A-8 |

Insert this Instruction Sheet for permanent record in the front of your Instruction Manual and Parts Catalog.

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# WR SERIES

STANDARD SELECTIONS
1 PLAY DIME
3 PLAYS QUARTER
7 PLAYS HALF DOLLAR
MAKE STANDARD SELECTION
SPECIAL SELECTIONS
1 PLAY QUARTER
2 PLAYS (PLUS 1 STANDARD PLAY) HALF DOLLAR
MAKE ANY SELECTION
Rowe AMI
VILLAGE STOMPERS
AND A WHOLE LOT OF DIXIE
"SOMEBODY LOVES ME"
RAY CONNIFF SINGERS
"GOLDEN EARRINGS"
"YOU'RE THE CREAM IN MY COFFEE"
RAY CONNIFF SINGERS
"THE GREEN LEAVES OF SUMMER"
THE SURREY WITH THE FRINGE ON TOP
BUDDY GRECO
"I LOVE BEING HERE WITH YOU"
I Don't Want To Set The World On Fire
RAY CONNIFF SINGERS
"ALL OR NOTHING AT ALL"
"DON'T FENCE ME IN"
RAY CONNIFF SINGERS
I ONLY HAVE EYES FOR YOU
"I COULD HAVE DANCED ALL NIGHT"
MILLER ORCH. - RAY McKINLEY
"PEG O' MY HEART"
"YOU GO TO MY HEAD"
MILLER ORCH. - RAY McKINLEY
"NIGHT TRAIN"
"OUR LOVE IS HERE TO STAY"
MILLER ORCH. - RAY McKINLEY
"MISTY"
"MY WONDERFUL ONE"
MILLER ORCH. - RAY McKINLEY
"SATIN DOLL"
"STRANGER IN PARADISE"
MILLER ORCH. - RAY McKINLEY
"STUMBLING"
MAJOR LANCE
MAJOR'S GREATEST HITS
HIGH
MED
LOW
SERVICE
A B C D E F G H J K
L M N P Q R S T U V
1 2 3 4 5 6 7 8 9 0

# GENERAL DESCRIPTION

## 1-1. PURPOSE OF MANUAL

This technical manual contains installation and service instructions and parts catalog information for the ROWE AMI MODEL WRB WALL-ETTE (wall console). The manual has been prepared to help you understand the operation of your wall console and, thereby, to reduce your service and repair calls to a minimum.

Read this manual carefully; then place the manual in the hands of your service man and ask him to read it and become familiar with instructions and precautions contained herein. This will prevent delays in repairing your equipment, will expedite ordering replacement parts, and will assure you of many additional hours of profitable sales.

## 1-2. PURPOSE OF EQUIPMENT

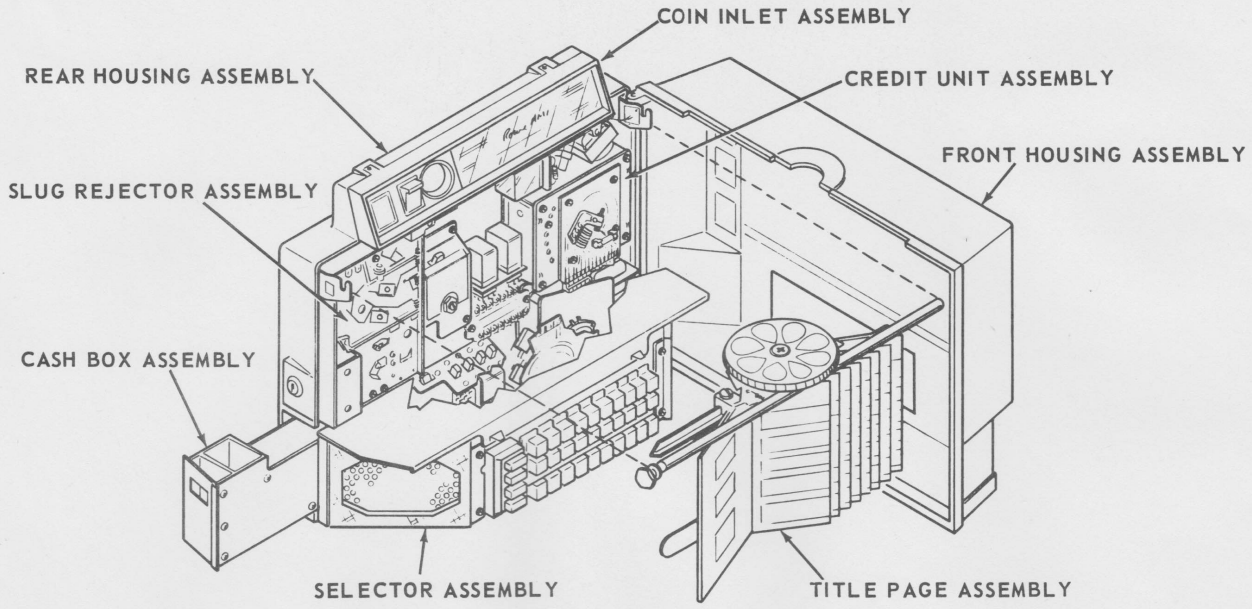
The wall console is a remote control unit for ROWE AMI Phonographs (Models JAN and JAO) and for the ROWE AMI Selective Hideaway. Interconnection information for older model phonographs can be obtained from the factory.

The wall console provides complete control from any remote location of the record changer and selection systems of the phonograph or selective hideaway. Control circuits in the wall console, phonograph or selective hideaway prevent simultaneous operation of any two wall consoles or of a wall console and a phonograph or selective hideaway.

A Model CGA Stepper and a Model L-2637-A Auxiliary Power Supply are required for operation of wall consoles with a phonograph. These components must be ordered separately and installed in the phonograph. One stepper and one auxiliary power supply are provided with each selective hideaway. A Model CGA Stepper can handle an infinite number of wall consoles. One Model L-2637-A Auxiliary Power Supply is required for each group on six wall consoles.

## 1-3. EQUIPMENT DESCRIPTION

As illustrated the wall console is constructed so that each of its six major assemblies can easily be serviced, repaired, or replaced. Major assemblies are as follows: the slug rejector, which accepts dimes, quarters, and half dollars; the credit unit, an accumulative unit which, except for the mounting plate, is identical with units employed in phonographs; the title page assembly, with new breakproof "Lexan" pages and single lever release; the front housing or door providing decorative styling to the wall console; and the rear housing or case, containing major wiring, relays, and other components. Locations of some of the major components referred to in the Sequence of Operation and Troubleshooting Charts also are shown on the illustration.



# INSTALLATION

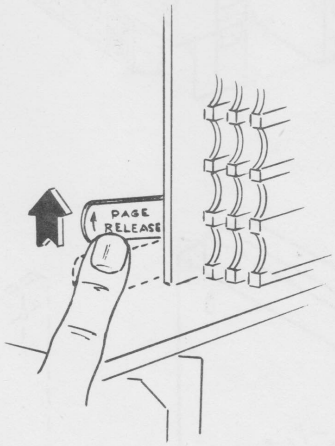
## 2-1. PRE-INSTALLATION.

Perform the following steps before installing the wall console:

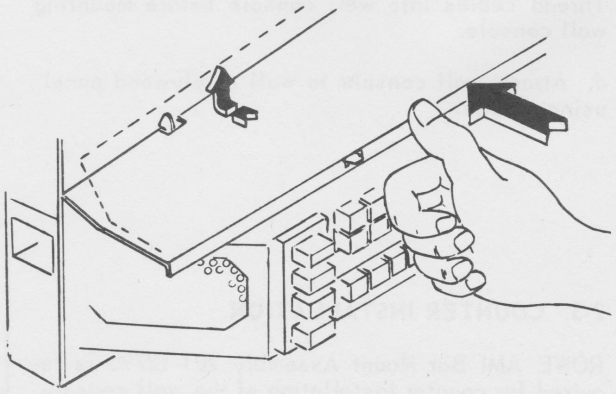
a. Check wall console for physical damage.

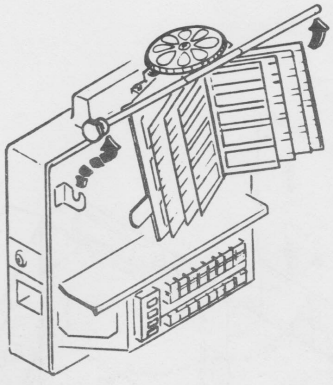
b. Remove tie-down from title page assembly.

c. Place page release lever momentarily in up position. Lift out entire title page assembly.

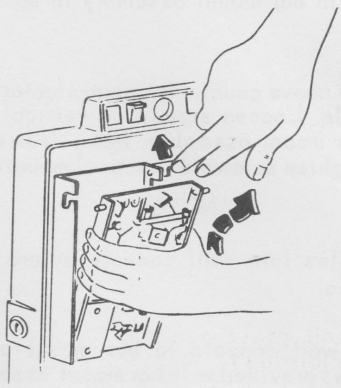



d. Check that all four relays are seated firmly. Remove shelf to check speaker relay in selector assembly.





e. Remove slug rejector for access to wall console mounting hole.



## 2-2. WALL INSTALLATION.

a. Check that front assembly of wall console can swing open fully without obstruction and that cash box can be removed easily.

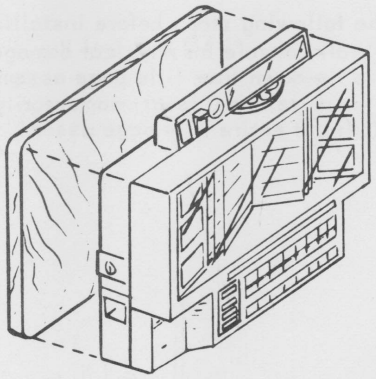
b. Check that wall surface is even (free from masonry, plaster, etc.). If wall surface is uneven, cut a plywood panel to the shape of the wall console, and attach plywood panel to wall using anchor bolts.

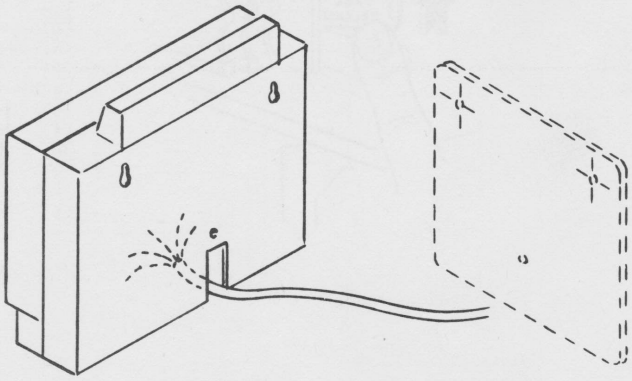
c. Drill mounting holes in wall or plywood panel. use wall housing as drilling template, or make drilling template from paper.

NOTE

Thread cables into wall console before mounting wall console.

d. Attach wall console to wall or plywood panel, using screws.





## 2-3. COUNTER INSTALLATION.

ROWE AMI Bar Mount Assembly 201-12796 is required for counter installation of the wall console. Install a wall console on a counter as follows:

a. Check that front assembly of wall console can swing open fully and that cash box can be removed easily.

b. Attach bar mount assembly to underside of counter on tabletop.

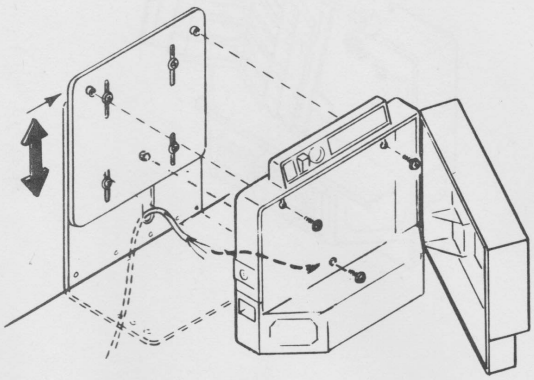
c. Mount wall console temporarily to vertical mounting plate of bar mount assembly, using two screws supplied with bar mount assembly in upper mounting holes.

d. If height above counter is unsatisfactory, remove wall console. Loosen screws on vertical mounting plate of bar mount assembly. Make desired adjustment and tighten screws on vertical mounting plate.

NOTE

Thread cables into wall console before mounting wall console.

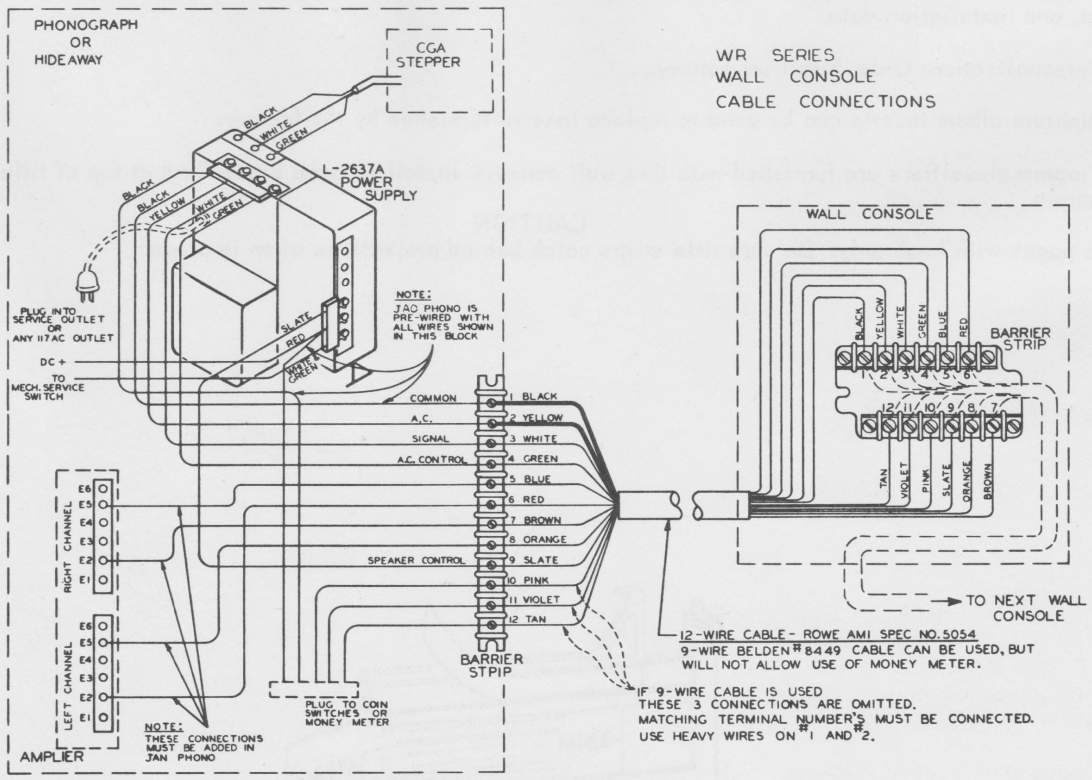
e. Attach wall console to bar mount assembly, using screws provided with bar mount assembly.



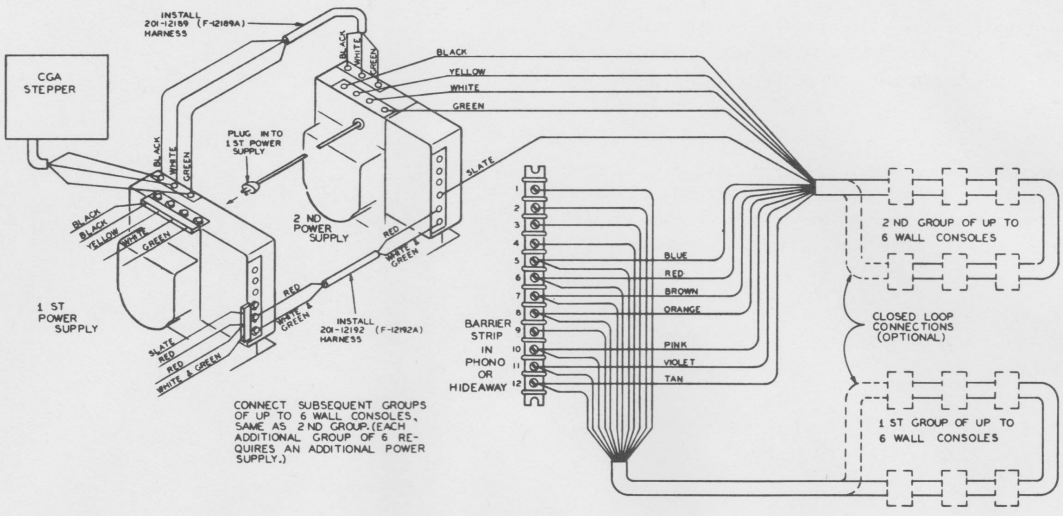
## 2-4. ELECTRICAL INSTALLATION

The wiring diagrams below indicate the proper method for connecting the WR-series wall consoles and L-2637A power supply to the phonograph or hideaway.

### A. CONNECTING UP TO SIX WALL CONSOLES




### B. CONNECTING MORE THAN SIX WALL CONSOLES



## 2-5. ADDITIONAL INFORMATION

a For price-of-play combinations, see wall console price-of-play programming chart (included with Stepper) or chart in this manual.

b Stepper and auxiliary power supply package contains schematic diagrams, price-of-play programming chart, and installation data.

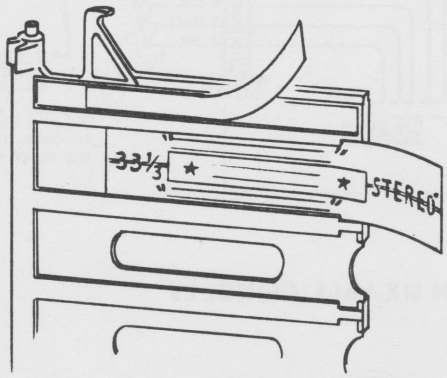
c Personalization: Order kits from factory.

d Minature album inserts can be used to replace inserts furnished by the factory.

e Program classifiers are furnished with this wall console. Install program classifiers at top of title pages as shown.

CAUTION

Turn pages with knob only. Be sure title strips catch behind projections when in place.



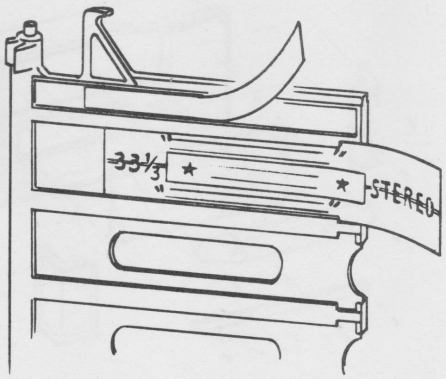
# SERVICING

## CAUTION

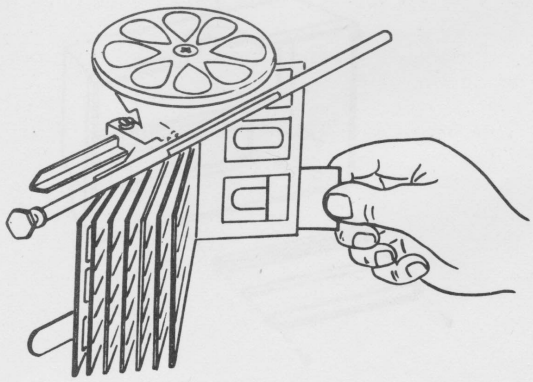
Turn pages with knob only.

a. Changing title strips: Remove title page assembly. Insert title strips as shown. Be sure that the strips catch behind projections when in place.

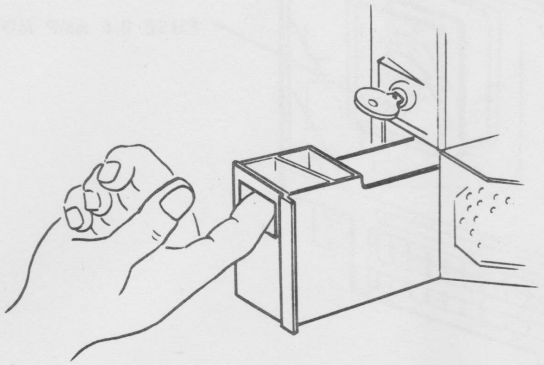
b. Program classifiers: Install at top of title pages as shown.



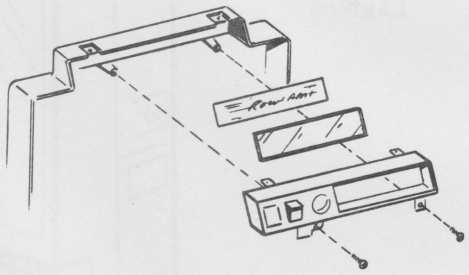

c. Miniature album inserts: Place inserts into page holder as shown.



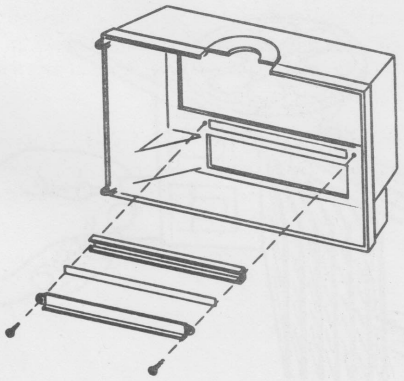
d. Cash box removal: Slide cash box out from lower left side of rear housing as shown.



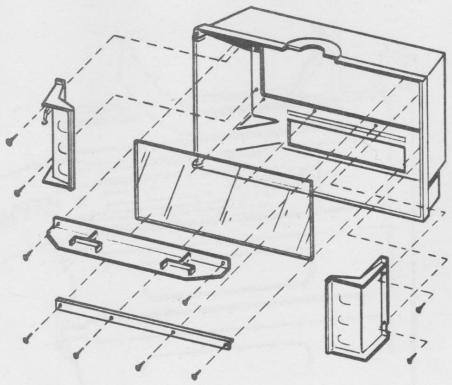
e. Changing program panel: Remove two screws from front of coin inlet assembly. Lift off assembly. (Use care that glass does not fall out). Remove program window and program panel.



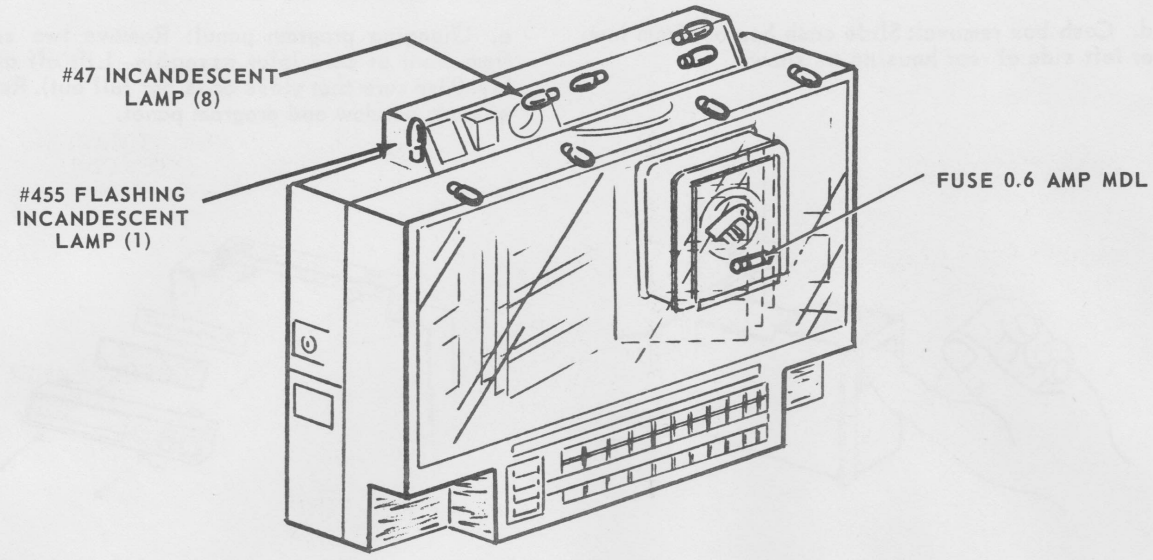
f. Personalization: To change the personalization insert, remove screws and lift our personalization window, insert, and back plate.



g. Glass window replacement: Remove front housing and lay housing face down. Remove 10 screws as illustrated. Take out damaged glass and replace.



h. Lamps and fuses: When replacing lamps or fuses, use only direct replacement parts.



# PRICING

## 4-1. PRINCIPLE OF OPERATION.

a. GENERAL - The credit unit responds to a switch closed by a coin passing through the slug rejector. Credit is added when the credit coil rotates the contact wiper clockwise. Up to $3.00 of credit can be accumulated.
One fixed stop and two electrical stops allow registry of three different amounts of credit.
Credit is subtracted when the credit cancel coil rotates the contact wiper counterclockwise.

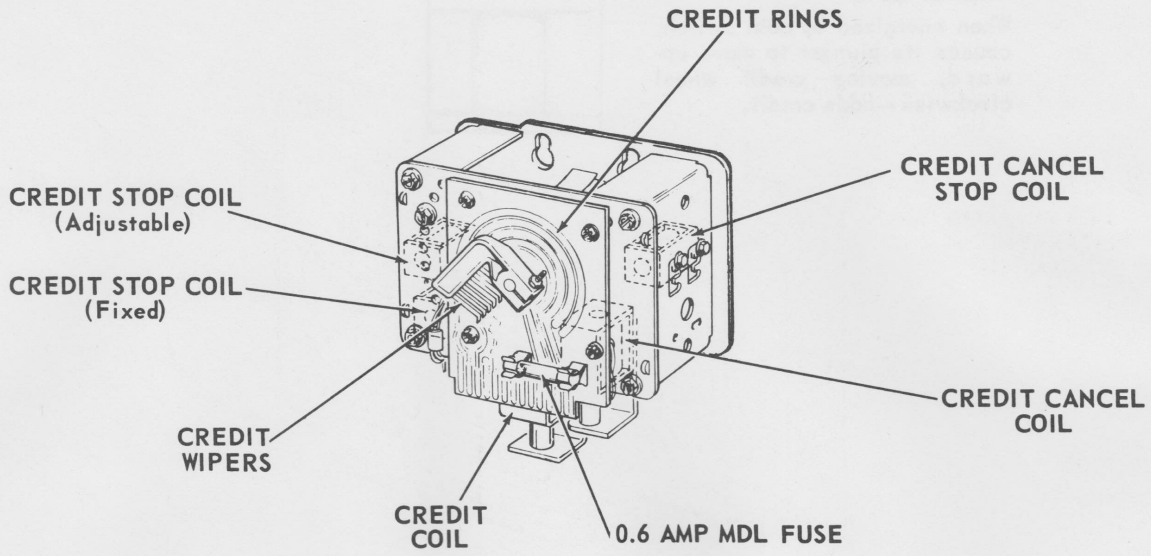
b. ADDING CREDITS - The credit coil rotates the contact wiper assembly clockwise to a position limited by a stop screw or stop coil.
The stop screw may be placed in any one of eight holes allowing from two to nine credit steps per impulse.
The adjustable stop coil is in series with credit coil for intermediate value coins. Two, three, or four steps are allowed per impulse.
The fixed stop coil is in series with credit coil for small value coins.
One step is allowed per impulse.

c. SUBTRACTING CREDITS - The credit cancel coil rotates the contact wiper assembly counterclockwise as allowed by cancel stop screw or credit cancel stop coil. The cancel stop screw may be placed in any one of four holes allowing from one to four steps per impulse.
The credit cancel stop coil is in series with credit cancel coil. It limits rotation of the contact wiper to one or two steps per impulse. This coil is shorted out when a premium priced selection is made in a system set for dual pricing.

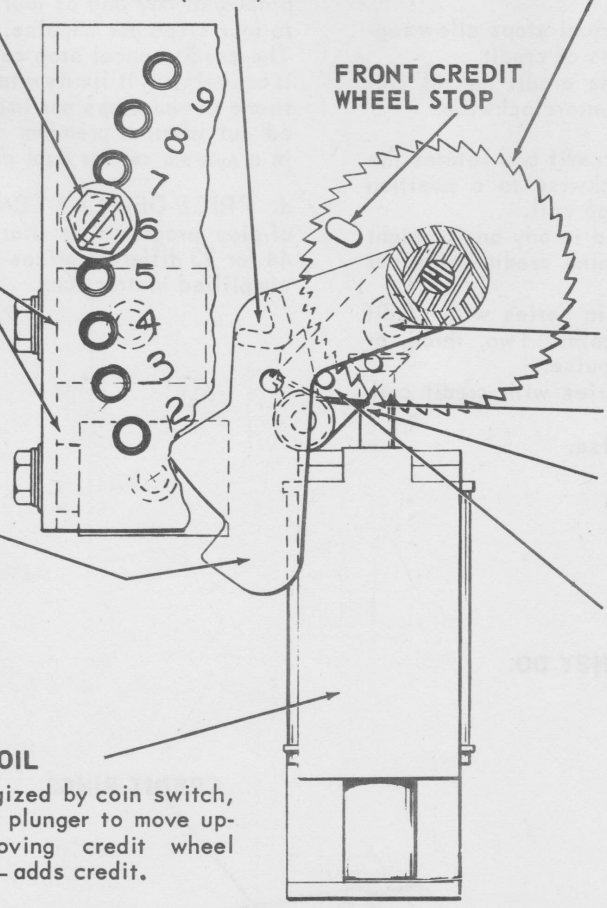
d. PRICE-OF-PLAY-COMBINATIONS - See price-of-play programming chart, Section IV, Paragraph 44 for 23 different prices-of-play combinations and simplified instructions.

## 4-2. COMPONENTS-WHAT THEY DO.

### a. CREDIT UNIT



## b. FRONT CREDIT WHEEL AND RELATED PARTS




**STOP SCREW (Credit) (8 positions possible – 2 to 9 credits)**
Limits credit stop arm travel at any of eight positions where stop screw is inserted.

**STOP ARM BOSS (Credit)**

**FRONT CREDIT WHEEL**
Clockwise rotation away from home (no-credit) position establishes one credit for each tooth space. One credit may be worth one or two coins (5¢ or 10¢) depending upon price-of-play desired. One play may equal 1, 2, or 3 credits.

**FRONT CREDIT WHEEL STOP**

**CREDIT STOP COILS (Establish credit)**
Positions optional to limit number of credits established. Limits credit stop arm rotation.

**ROLLER (Credit)**

**PAWL SPRING**

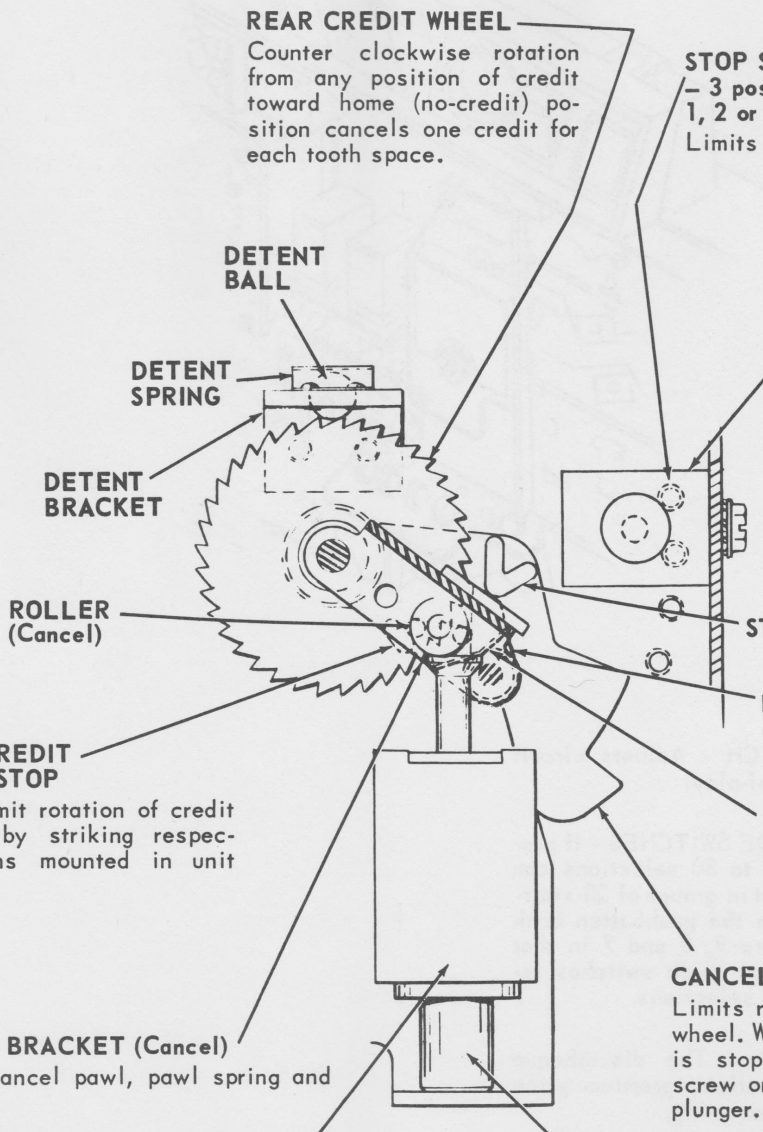
**ROLLER BRACKET (Credit)**
Carries credit pawl, pawl spring and roller.

**CREDIT STOP ARM**
Limits rotation of front credit wheel. Wheel stops when arm is stopped by credit stop screw or by credit stop coil plunger.

**PAWL PIN**
Causes pawl to disengage from credit wheel in rest position.

**CREDIT COIL**
When energized by coin switch, causes its plunger to move upward, moving credit wheel clockwise – adds credit.

## c. REAR CREDIT WHEEL AND RELATED PARTS



**REAR CREDIT WHEEL**
Counter clockwise rotation from any position of credit toward home (no-credit) position cancels one credit for each tooth space.

**STOP SCREW (Cancel – – 3 positions possible – 1, 2 or 3 credits).**
Limits cancel stop arm rotation.

**DETENT BALL**

**CREDIT CANCEL STOP COIL**

**DETENT SPRING**

**DETENT BRACKET**

**ROLLER (Cancel)**

**STOP ARM BOSS (Cancel)**

**PAWL (Cancel)**

**REAR CREDIT WHEEL STOP**
Stops limit rotation of credit wheels by striking respective pins mounted in unit frame.

**PAWL SPRING**
Springs hold pawls against teeth of their respective credit wheels.

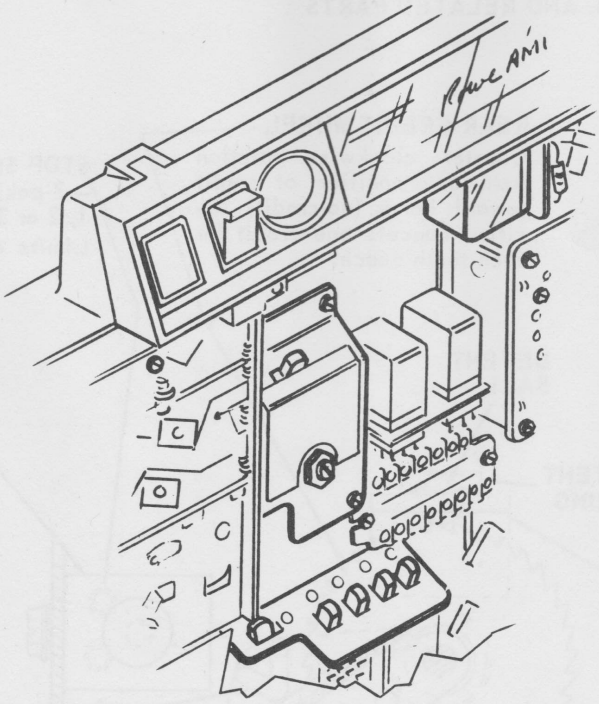
**CANCEL STOP ARM**
Limits rotation of rear credit wheel. Wheel stops when arm is stopped by cancel stop screw or by cancel stop coil plunger.

**ROLLER BRACKET (Cancel)**
Carries cancel pawl, pawl spring and roller.

**CREDIT CANCEL COIL PLUNGER**

**CREDIT CANCEL COIL**
When energized as selection is made, causes its plunger to move upward, moving rear credit wheel counter-clockwise, cancelling credit. (Actually, the front and rear credit wheels are coupled together on the same shaft and rotate together.)

## 4-3. ADDED FEATURES.




a. CREDIT PRICING SWITCH - Adjusts circuit to allow variations in price-of-play.

b. PREMIUM PRICING SLIDE SWITCHES - If premium pricing is desired, up to 80 selections can be set. The selections are set in groups of 20 starting with the number "0" on the pushbutton bank and proceding to the numbers 9, 8 and 7 in that order. The four premium price slide switches represent the four groups of 20 selections.

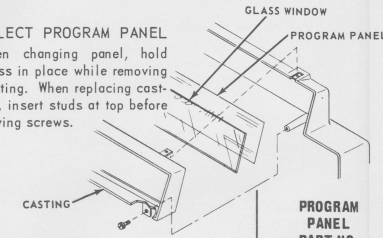
c. DISCOTHEQUE SWITCH - The discotheque switch (DS) makes all selections premium price for greater flexibility in programming.

d. BONUS RELAY - 50¢ bonus play is provided easily by inserting bonus relay K5 in the socket provided and setting the bonus relay switch (BRS) in the YES position.

# WRB WALL CONSOLE PRICE OF PLAY PROGRAMMING PROCEDURE

**SELECT PROGRAM PANEL**

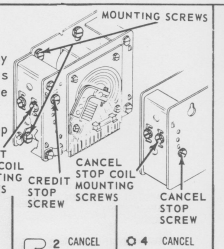
When changing panel, hold glass in place while removing casting. When replacing casting, insert studs at top before driving screws.

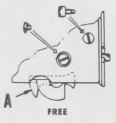



**ADJUST CREDIT UNIT**

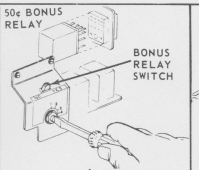
Credit Unit can be removed by loosening 3 mounting screws and lifting free of keyhole slots.

Position stop coils and stop screws as indicated.



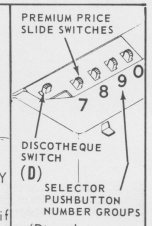




To block nickel diverter, place diverter "A" in position as shown and transpose screws.




SET CREDIT PRICE SWITCH as indicated.

BONUS RELAY PROVISION. Install relay if required and set switch in yes or no position.




(Discotheque position makes all selections premium priced)

| | PROGRAM PANEL PART NO. | CREDIT STOP COIL Slot No.— | CREDIT STOP SCREW Hole No.— | CANCEL STOP COIL Slot No.— | CANCEL STOP SCREW Hole No.— | | SET CREDIT PRICE SWITCH | BONUS RELAY PROVISION | |
|---|---|---|---|---|---|---|---|---|---|
| STANDARD SELECTIONS: 1 PLAY DIME, 3 PLAYS QUARTER, 7 PLAYS HALF DOLLAR — MAKE STANDARD SELECTION<br>SPECIAL SELECTIONS: 1 PLAY QUARTER, 2 PLAYS (PLUS 1 STANDARD PLAY) HALF DOLLAR — MAKE ANY SELECTION | 302-05724 (factory standard) | 3 | 7 | 1 | 3 | NOT APPLICABLE (NO NICKEL DIVERTER IN WRB) | 1 | NO | NORMAL |
| 1 PLAY DIME, 3 PLAYS QUARTER, 7 PLAYS HALF DOLLAR — MAKE ANY SELECTION (×2) | 300-65065 | 3 | 7 | 1 | 3 | | 1 | NO | NORMAL |
| STANDARD SELECTIONS: 1 PLAY DIME, 3 PLAYS QUARTER, 6 PLAYS HALF DOLLAR — MAKE STANDARD SELECTION<br>SPECIAL SELECTIONS: 1 PLAY QUARTER, 2 PLAYS HALF DOLLAR — MAKE ANY SELECTION | 300-65066 | 3 | 6 | 1 | 3 | | 1 | NO | NORMAL |
| 1 PLAY DIME, 3 PLAYS QUARTER, 6 PLAYS HALF DOLLAR — MAKE ANY SELECTION (×2) | 300-65067 | 3 | 6 | 1 | 3 | | 1 | NO | NORMAL |
| STANDARD SELECTIONS: 1 PLAY DIME, 4 PLAYS QUARTER, 9 PLAYS HALF DOLLAR — MAKE STANDARD SELECTION<br>SPECIAL SELECTIONS: 1 PLAY (PLUS 1 STANDARD PLAY) QUARTER, 3 PLAYS HALF DOLLAR — MAKE ANY SELECTION | 300-65068 | 4 | 9 | 1 | 3 | | 1 | NO | NORMAL |
| 1 PLAY DIME, 4 PLAYS QUARTER, 9 PLAYS HALF DOLLAR — MAKE ANY SELECTION (×2) | 300-65069 | 4 | 9 | 1 | 3 | | 1 | NO | NORMAL |
| 1 PLAY DIME, 4 PLAYS QUARTER, 8 PLAYS HALF DOLLAR — MAKE ANY SELECTION (×2) | 300-65070 | 4 | 8 | 1 | 3 | | 1 | NO | NORMAL |
| STANDARD SELECTIONS: 2 PLAYS DIME, 6 PLAYS QUARTER, 12 PLAYS HALF DOLLAR — MAKE STANDARD SELECTION<br>SPECIAL SELECTIONS: 1 PLAY DIME, 3 PLAYS QUARTER, 7 PLAYS HALF DOLLAR — MAKE ANY SELECTION | 300-65071 | 2 | 6 | 1 | 2 | | 2 | YES | NORMAL |
| 2 PLAYS DIME, 6 PLAYS QUARTER, 13 PLAYS HALF DOLLAR — MAKE ANY SELECTION (×2) | 300-65072 | 2 | 6 | 1 | 3 | | 2 | YES | NORMAL |
| 2 PLAYS DIME, 5 PLAYS QUARTER, 11 PLAYS HALF DOLLAR — MAKE ANY SELECTION (×2) | 300-65073 | 2 | 5 | 1 | 3 | | 2 | YES | NORMAL |
| 1 PLAY DIME, 5 PLAYS QUARTER, 11 PLAYS HALF DOLLAR — MAKE ANY SELECTION (×2) | 300-65074 | 3 | 5 | 1 | 3 | | 4 | YES | NORMAL |
| STANDARD SELECTIONS: 1 PLAY DIME, 3 PLAYS QUARTER, 7 PLAYS HALF DOLLAR — MAKE STANDARD SELECTION<br>SPECIAL SELECTIONS: 2 PLAYS QUARTER, 5 PLAYS HALF DOLLAR — MAKE ANY SELECTION | 300-65075 | 2 | 6 | 2 | 3 | | 3 | YES | NORMAL |
| 2 PLAYS QUARTER OR 3 DIMES, 5 PLAYS HALF DOLLAR — MAKE ANY SELECTION | 300-65076 | 2 | 6 | 1 | 3 | | 3 | YES | DISCOTHEQUE |

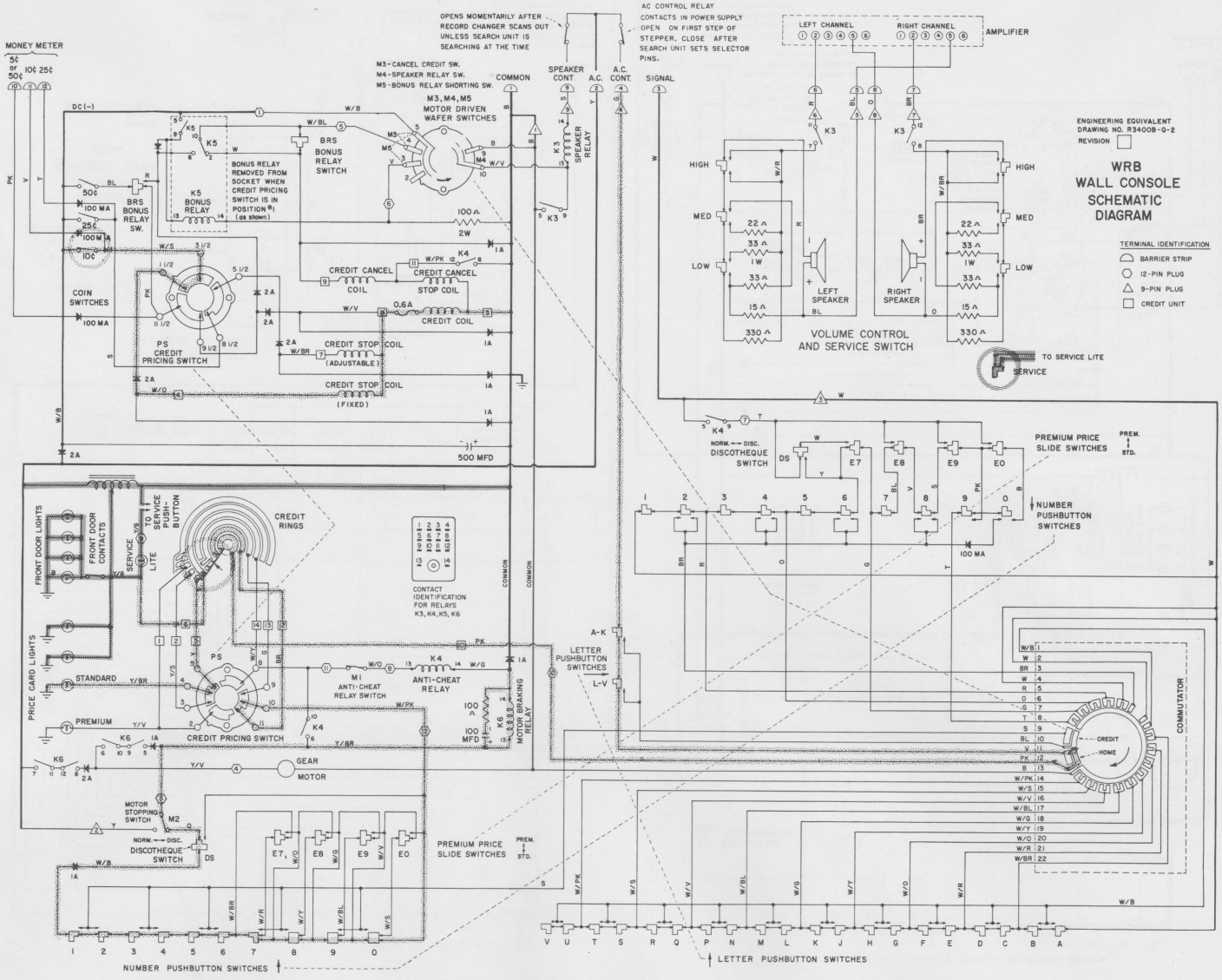
# SEQUENCE OF OPERATION

## (WRB WALL CONSOLE, JAO PHONO, CGA STEPPER, L-2637 A POWER SUPPLY)

**STEPS 1 THRU 16 – 10¢ Selection in WRB WALL CONSOLE - CREDIT PRICE SWITCH in position #1, DISCOTHEQUE SWITCH normal, no credit established on credit unit.**

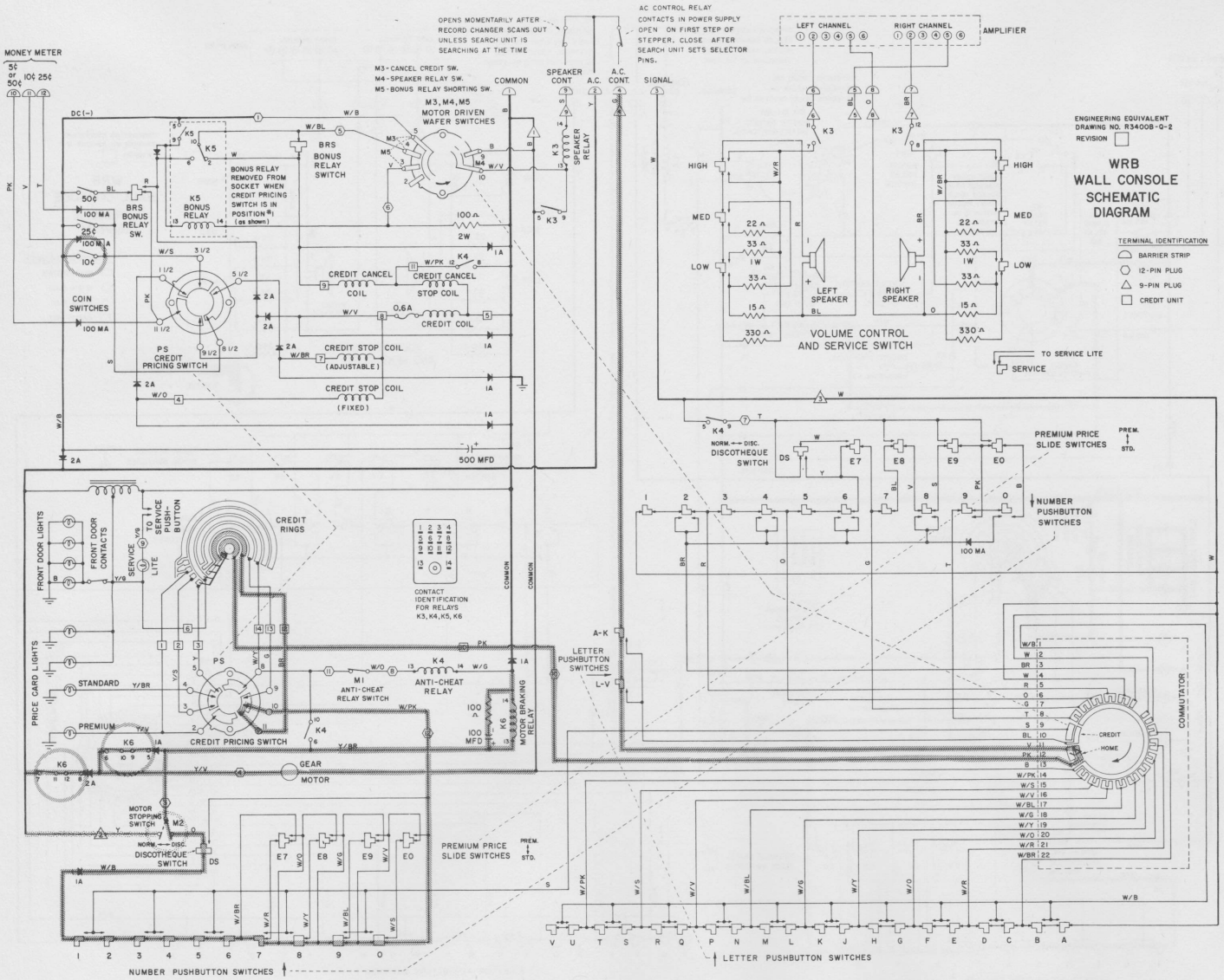
① STANDBY CONDITION – Front door lights and program panel lights are on. SERVICE push-button will light the amber service light to attract the waitress's attention.

② CUSTOMER INSERTS A DIME – Closes 10¢ coin switch, 10¢ credit is established on credit unit thru fixed credit stop coil and credit coil. Standard price light is lit and K6 relay is energized thru credit wiper.



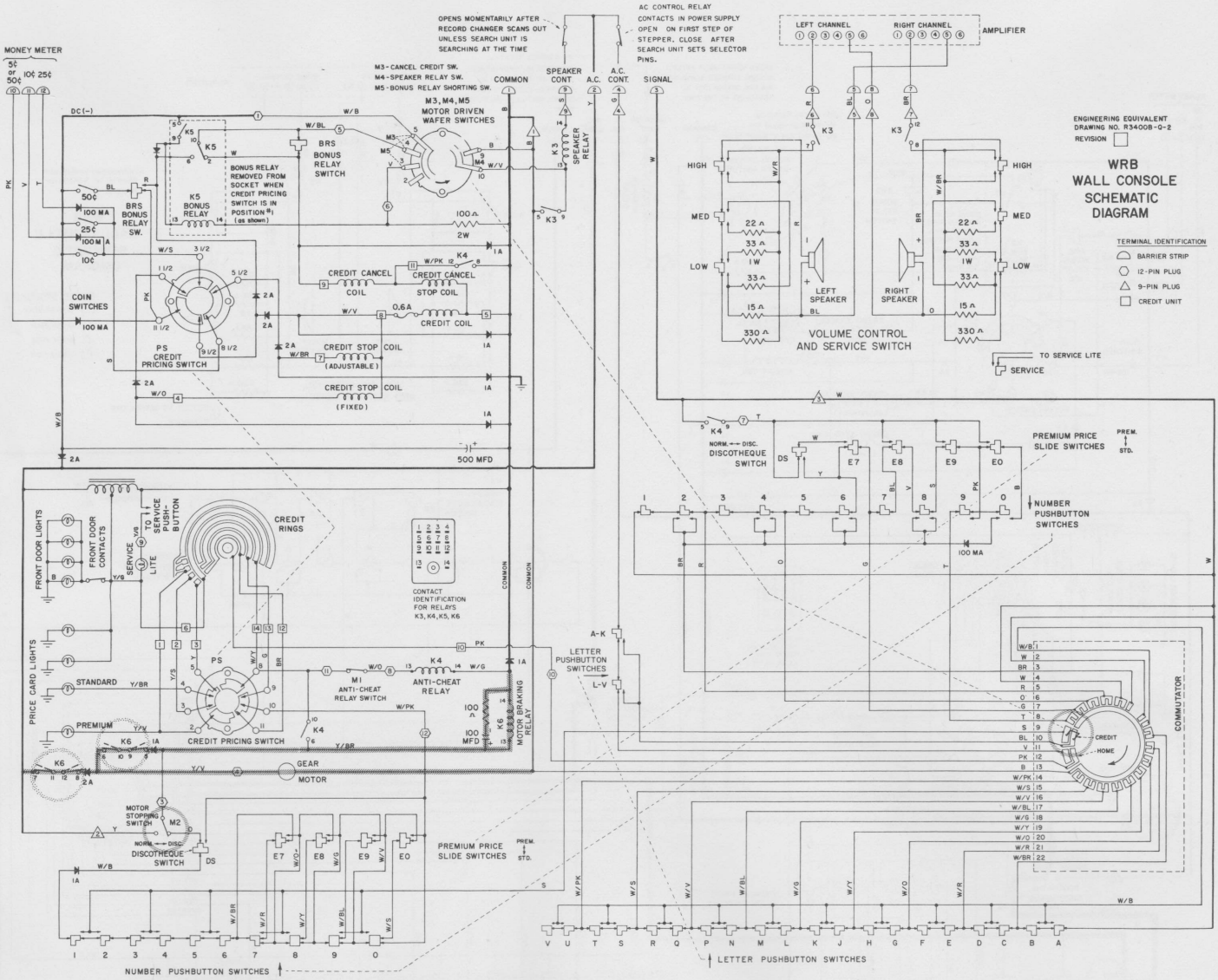
3 K6 contacts close, starting gear motor. Motor runs thru one diode on one-half cycle and thru another diode on the other half-cycle. Coin switch opens, de-energizing credit coil.

4 Cam on gear motor transfers M2 switch, by-passing pushbutton switches and commutator. K6 continues to hold in.



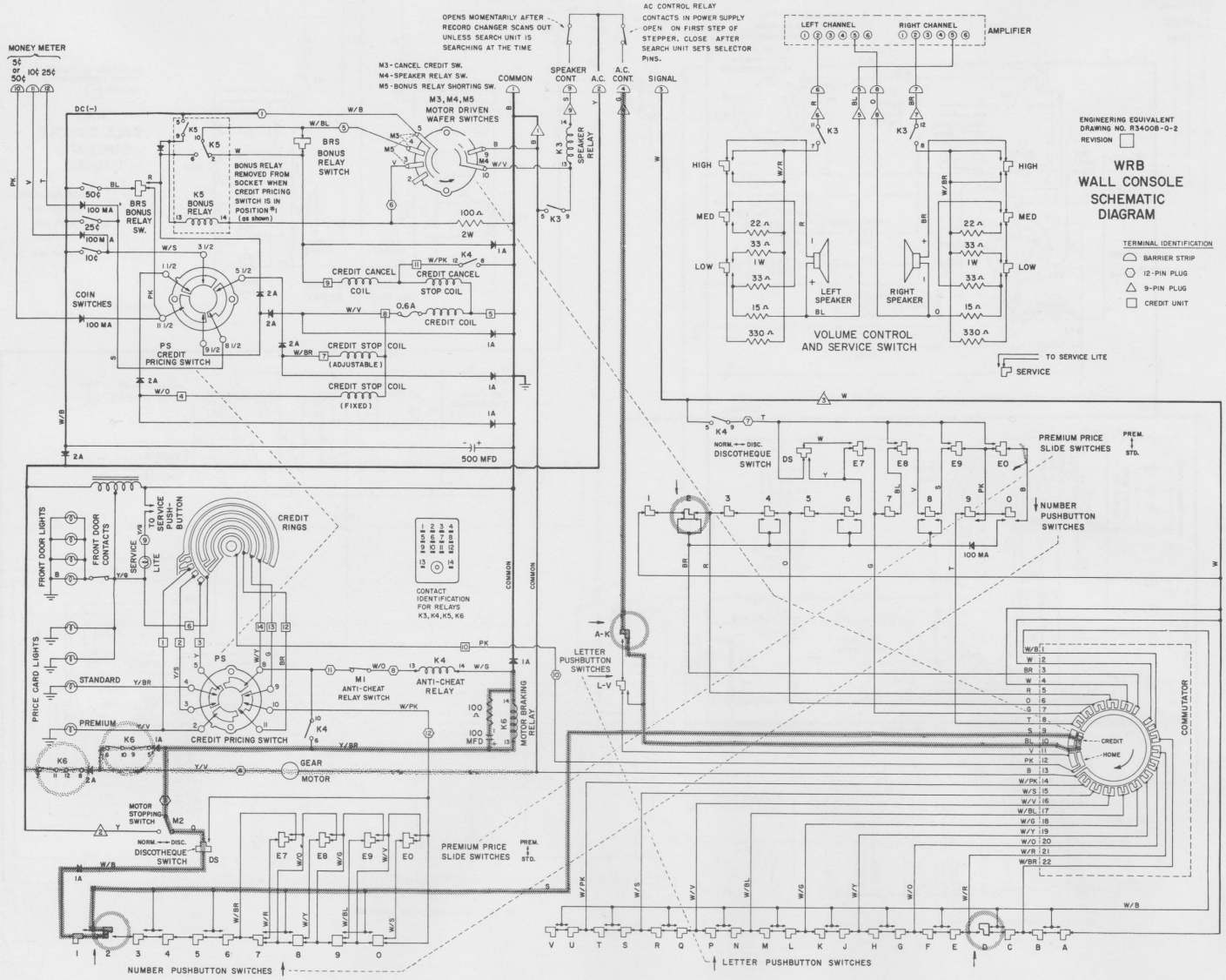
**5** Commutator wiper (driven by gear motor) reaches credit position. Switch M2 transfers again. Circuit to K6 is open at commutator. Capacitor holds K6 in for about 100 milli-second. During this time half-wave DC is applied to motor but blocked from K6 by diode. Motor slows down.

**6** K6 falls out. Motor stops. Pushbutton latch bars are now in a position to latch Pushbuttons when depressed.



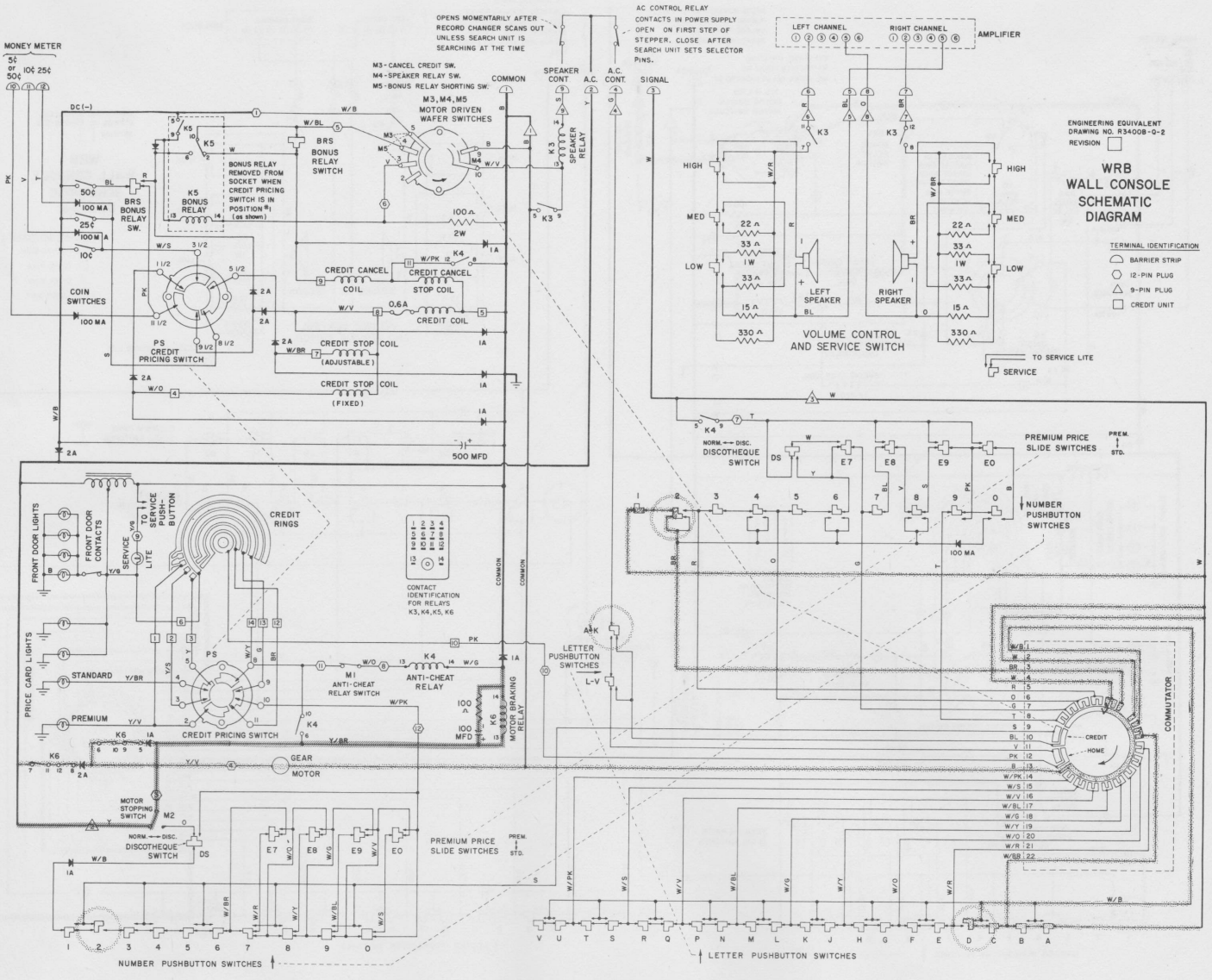
(7) PUSHBUTTONS D-2 DEPRESSED. K6 is energized thru pushbutton switches.

(8) K6 contacts close, energizing gear motor as before.



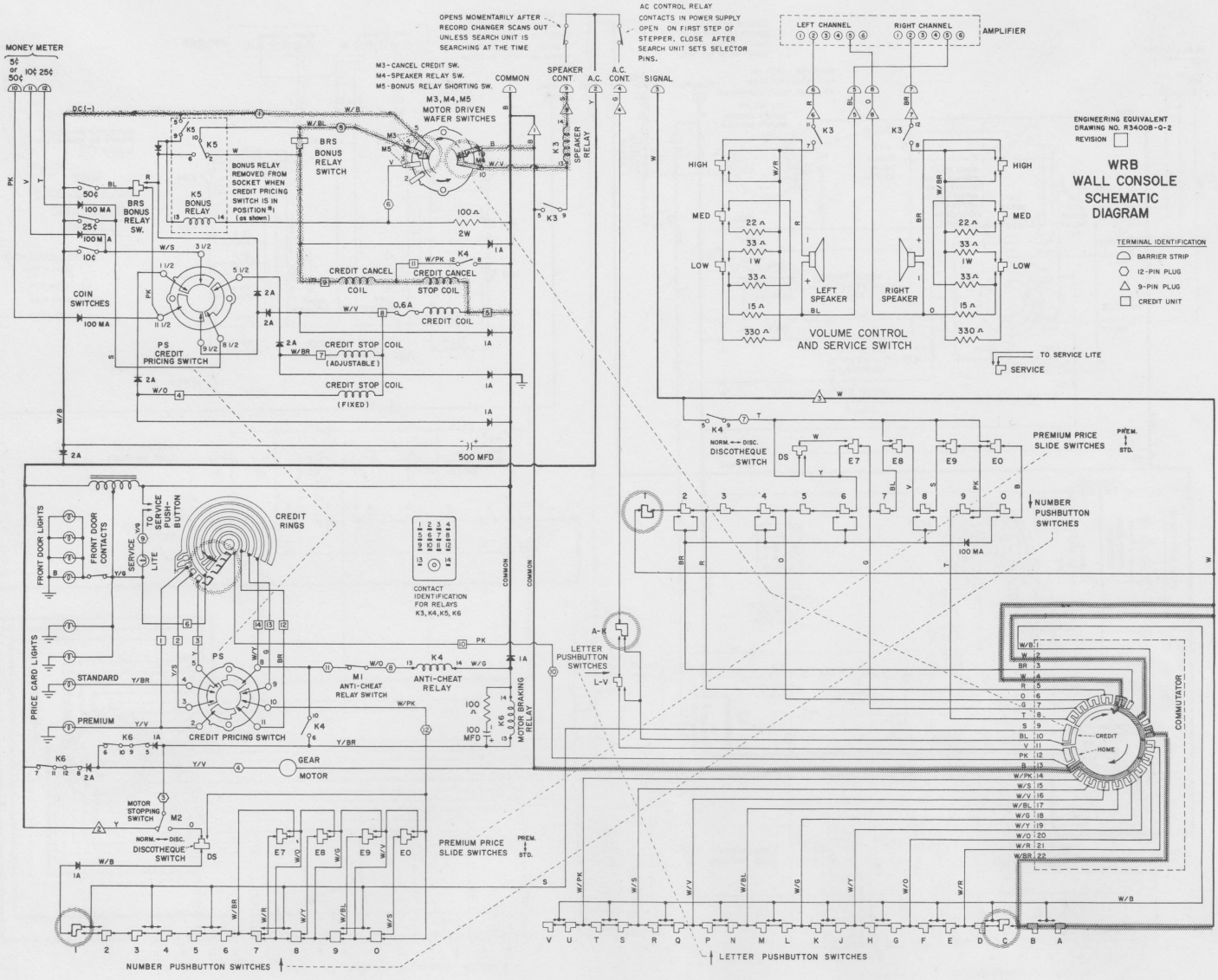
(9) Cam on gear motor transfers switch M2, by-passing pushbutton switches and commutator contacts in motor circuit. K6 continues to hold in.

(10) Motor continues to run, sending pulses to the signal line thru circuits shown.



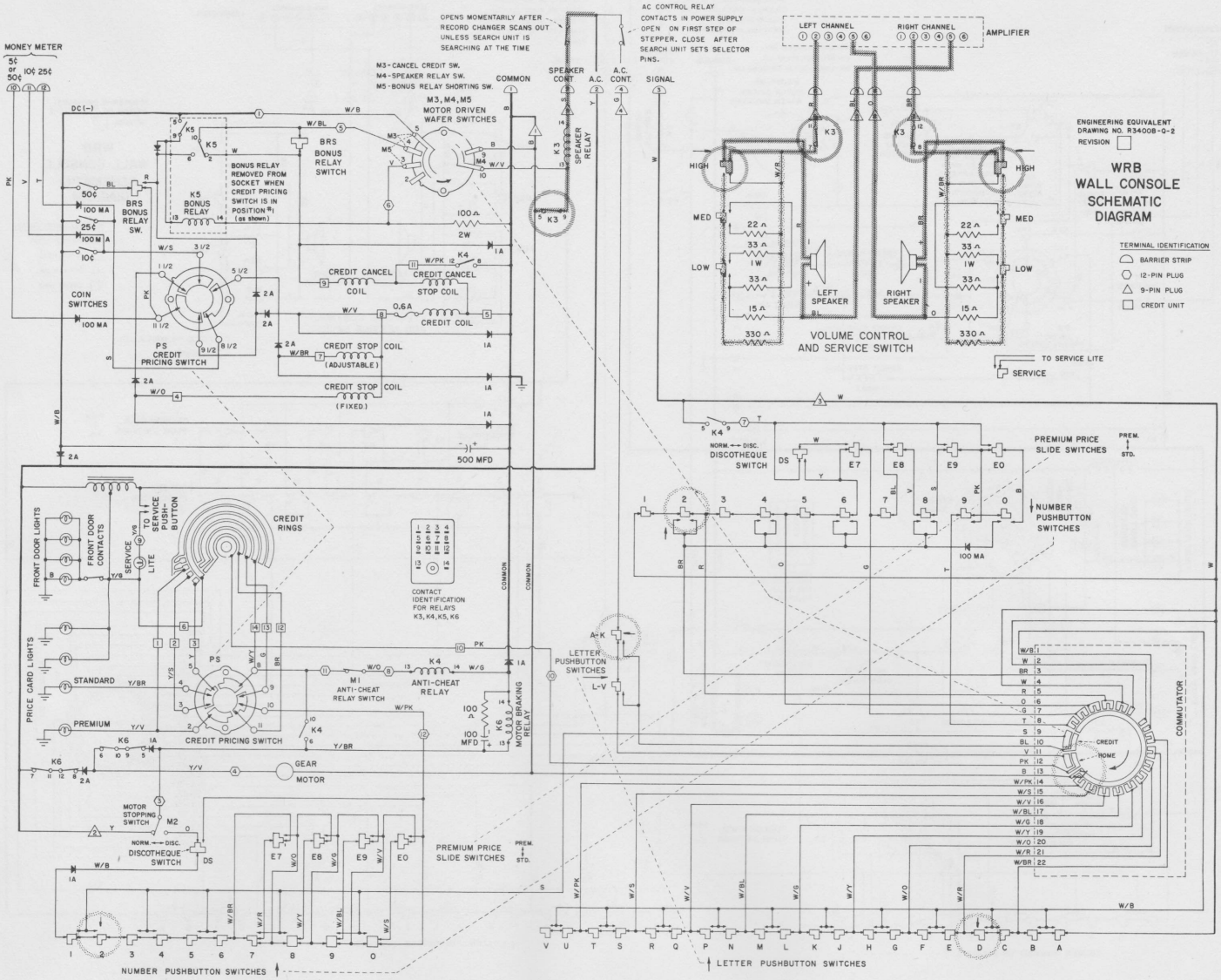
(11) If selection C-1 had been made, the signal circuit would have been as shown. The stepper will handle this intermittent letter pulse train.

(12) During the motor cycle, motor driven switches M4 and M3 will close momentarily, energizing the Speaker Relay K3 and the Credit Cancel Coil. The Credit Cancel Coil removes credit.



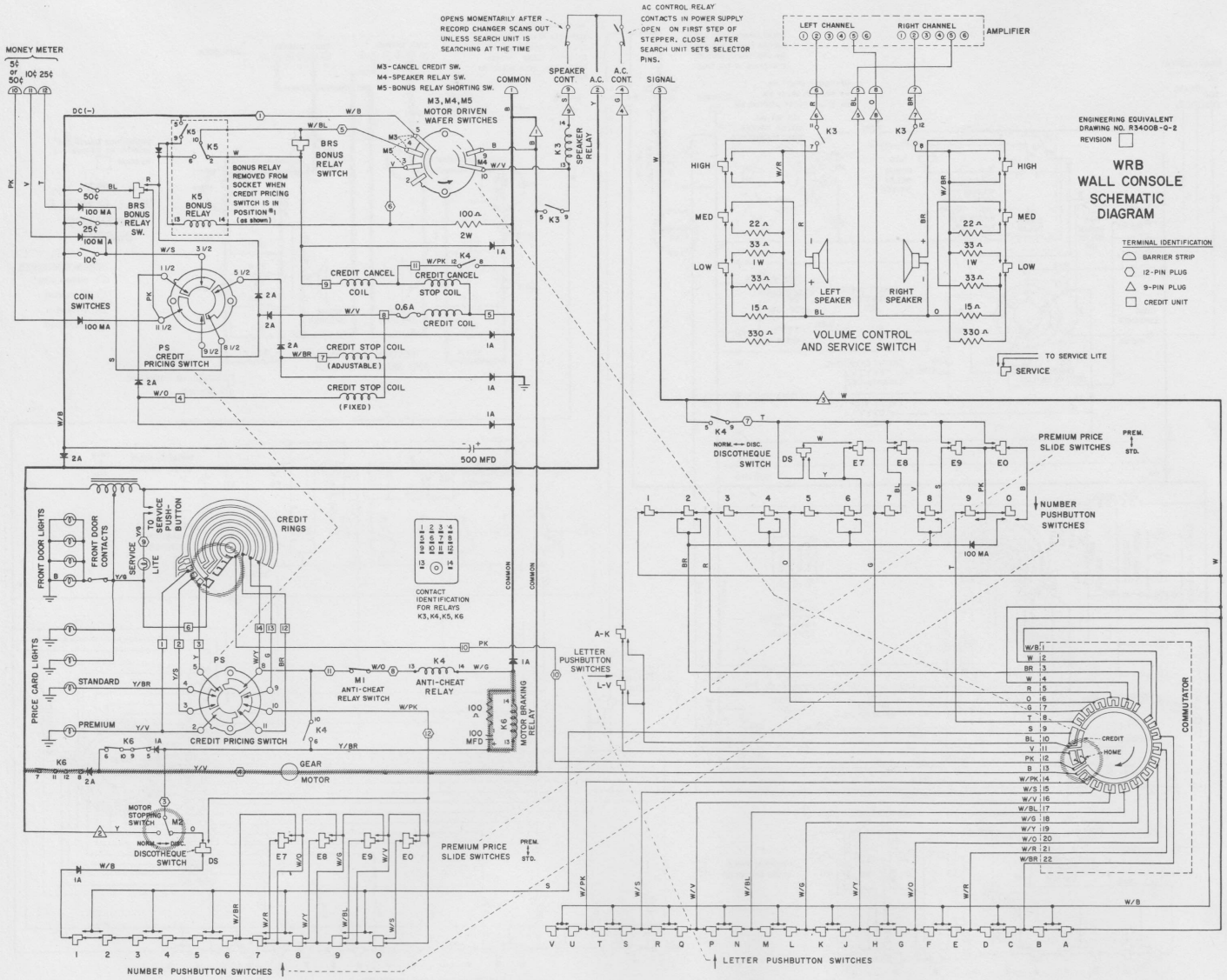
**13** K3 contacts close, turning on speakers. K3 will continue to hold in until phonograph plays last selection and mechanism scans out. Volume control switch is shown with the high button latched.

**14** The speakers are 45 ohms. If the low or medium buttons are latched instead of the high buttons, a series-parallel circuit maintains a 45 ohm per channel load on the amplifier. If no buttons are latched, there still will be a circuit thru the speakers to give some sound.
After the wiper passes the U-V signal segment of the commutator, the motor cam unlatches the pushbuttons.



**15** Commutator wiper reaches home position and motor cam transfers M2 switch. With no credit on the credit wiper, the gear motor returns to half-wave DC and K6 relay circuit is broken. However, K6 and its contacts are held in again for 100 milli-seconds.

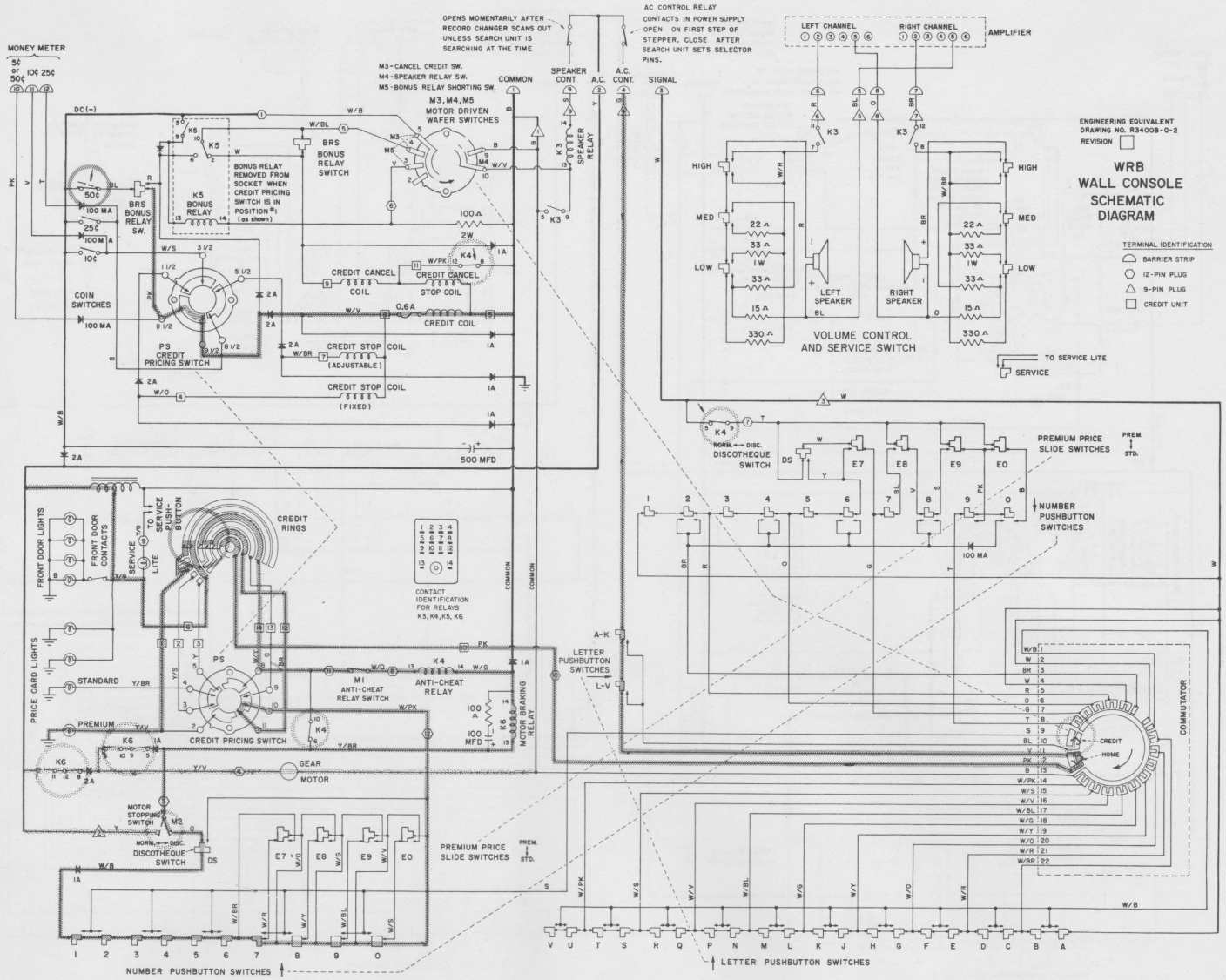
**16** K6 falls out and its contacts open, shutting off the gear motor. The Wall Console is now ready to receive another coin.



**STEPS A1 thru A6 - Sequence for making PREMIUM PRICE selection in WRB Console.**
**Credit Pricing Switch in No. 1 position; Premium Pricing Switches E7, E8, E9, & E0 in PREMIUM PRICE position.**
**BONUS RELAY SWITCH (BRS) in "NO'' position.**

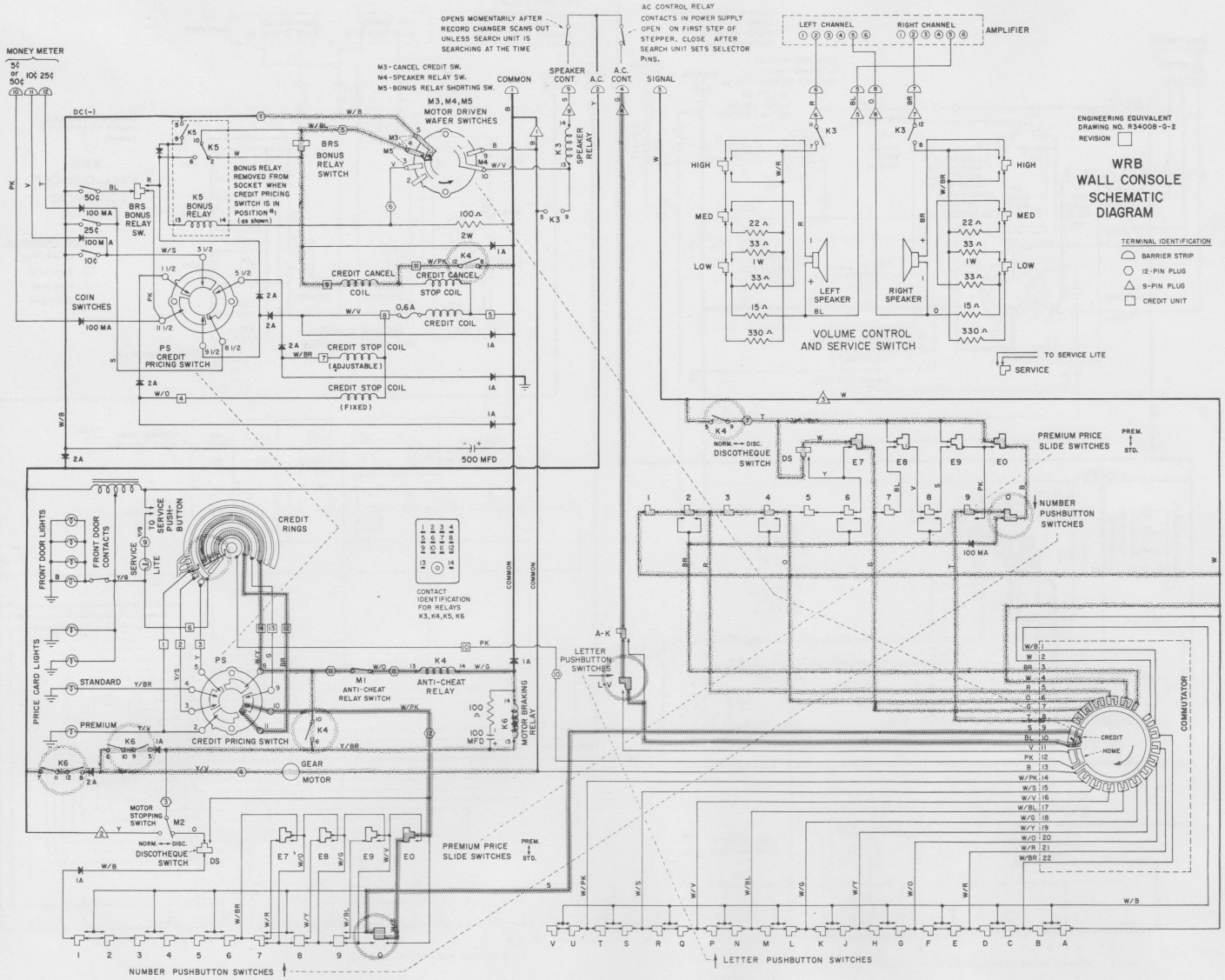
**A1** CUSTOMER INSERTS HALF DOLLAR. Closes 50¢ coin switch. 50¢ credit is established on credit unit thru the credit coil. Premium light is lit and K4 and K6 relays are energized thru credit wiper.

**A2** K6 relay contacts close, starting gear motor. Motor runs thru one diode on one half-cycle and thru another diode on the other half-cycle. K4 contacts close, but have no function at this time. Coin switch opens, de-energizing credit coil. Motor drives commutator wiper to the credit position and the motor cam causes M2 switch to transfer momentarily by-passing the commutator. This allows the commutator wiper to reach credit position before the DC braking action occurs as in steps 3 thru 6.



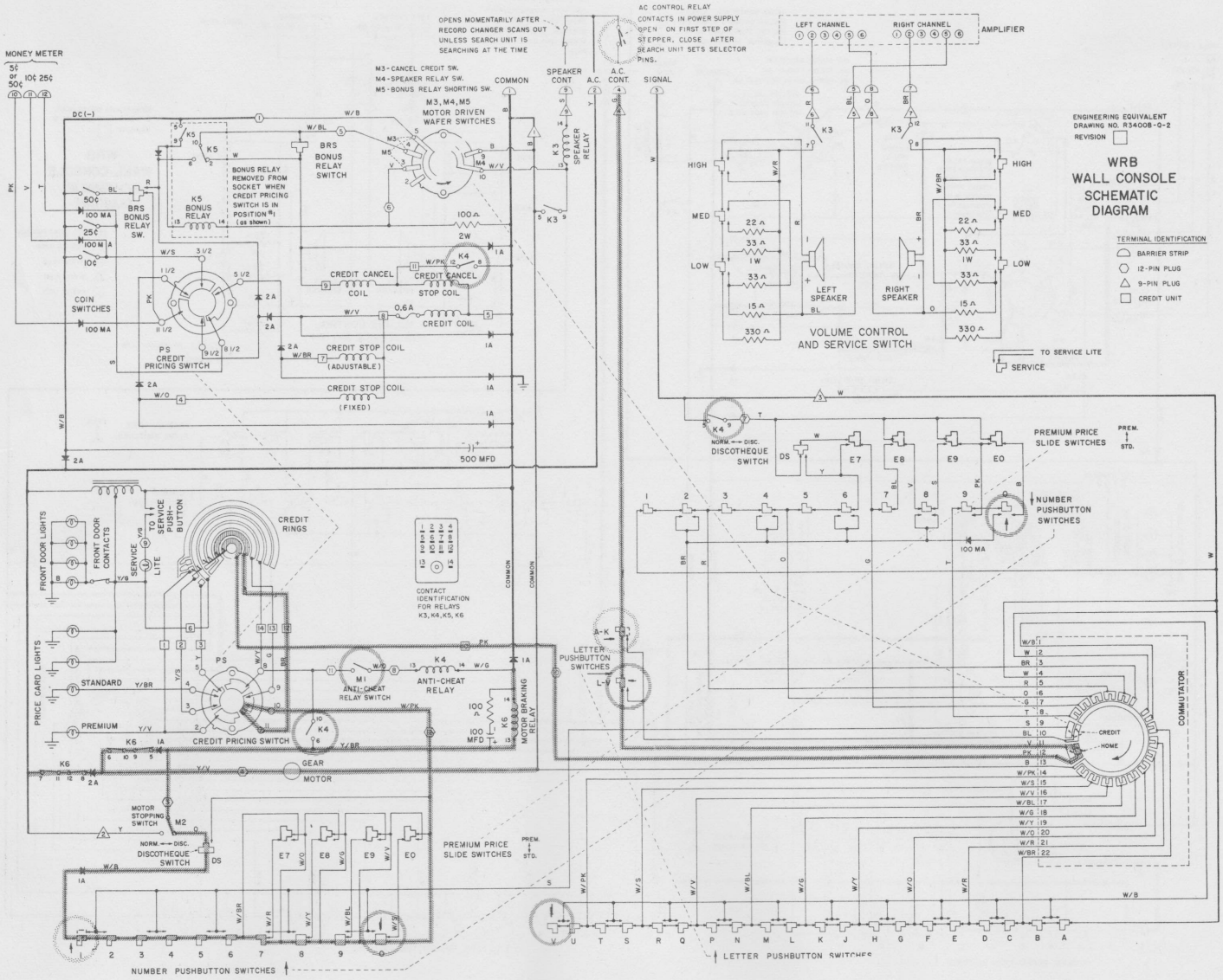
**A3** PUSHBUTTON V-O DEPRESSED. K4 is energized thru the credit rings. There is no circuit thru the number pushbutton switches to K6 so that if there is less than premium credit, nothing happens.

**A4** K4 contacts close energizing K6 which in turn causes the gear motor to run as in Steps 8, 9, 10, 12 and 13 except that K4 holds in thru its own contacts 6 and 10. K4 contacts 12 and 8 are closed, shorting the Cancel Stop Coil. Thus, when switch M3 operates, 3 credits will be removed instead of 1. K4 contacts 5 and 9 are also closed. The signal circuits for 7, 8, 9 and 0 group selections go thru these contacts. Thus, enough pulses for a Premium Price selection cannot be sent thru the signal line unless K4 is energized and K4 cannot be energized unless there is premium credit.



**A5** Just before the commutator wiper reaches the home position, the motor cam opens M1 switch (de-energizing K4 relay) and releases pushbuttons. Since there is still credit left, K6 will remain energized thru the credit wipers and the pushbutton contacts. The motor will continue to drive the commutator wiper to the credit position as in Step A2.

**A6** If the commutator wiper reaches home position while the search unit is still searching for a selection, the AC Control Circuit will be broken by the contacts in the power supply. If the pushbuttons are held in manually, the circuit to the motor is broken by its contacts. In either case, when the circuit is broken, the motor will brake (as in steps 15 and 16) and wait for the contacts to close before advancing the commutator wiper to credit position.



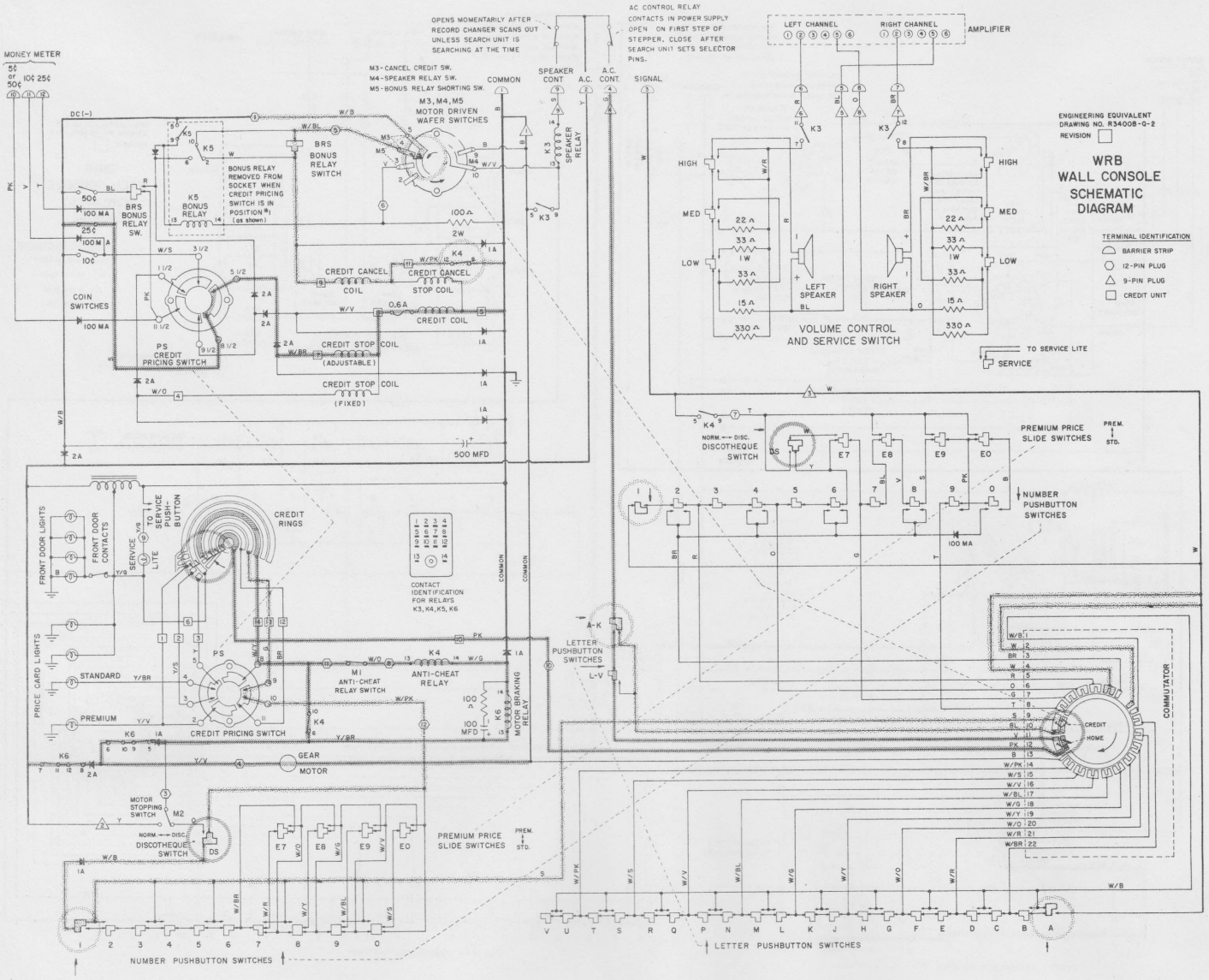
**STEPS B1 and B2 - DISCOTHEQUE OPERATION** - Credit Pricing Switch in position #1, Bonus Relay Switch in "NO" position. **DISCOTHEQUE SWITCH** in **DISCOTHEQUE** position, No credit established on credit unit.

**B1**

CUSTOMER INSERTS QUARTER Credit wiper advances 3 steps (to premium credit position). K4 Relay can be energized only when premium credit is established. K4 relay contacts in turn energize K6 relay, which turns on the gear motor to drive the commutator wiper to the credit position. At this time, K4 relay is de-energized.

**B2**

PUSHBUTTONS A-1 DEPRESSED - K4 is again re-energized thru the pushbutton circuit and the motor turns (thru K6 relay contacts as in step A4.) The circuit thru DS switch makes all selections premium price. Therefore, credit is removed the same as in premium pricing (thru M3 switch and K4 contacts 12 and 8)



## Steps C1 and C2 - 50¢ BONUS RELAY OPERATION

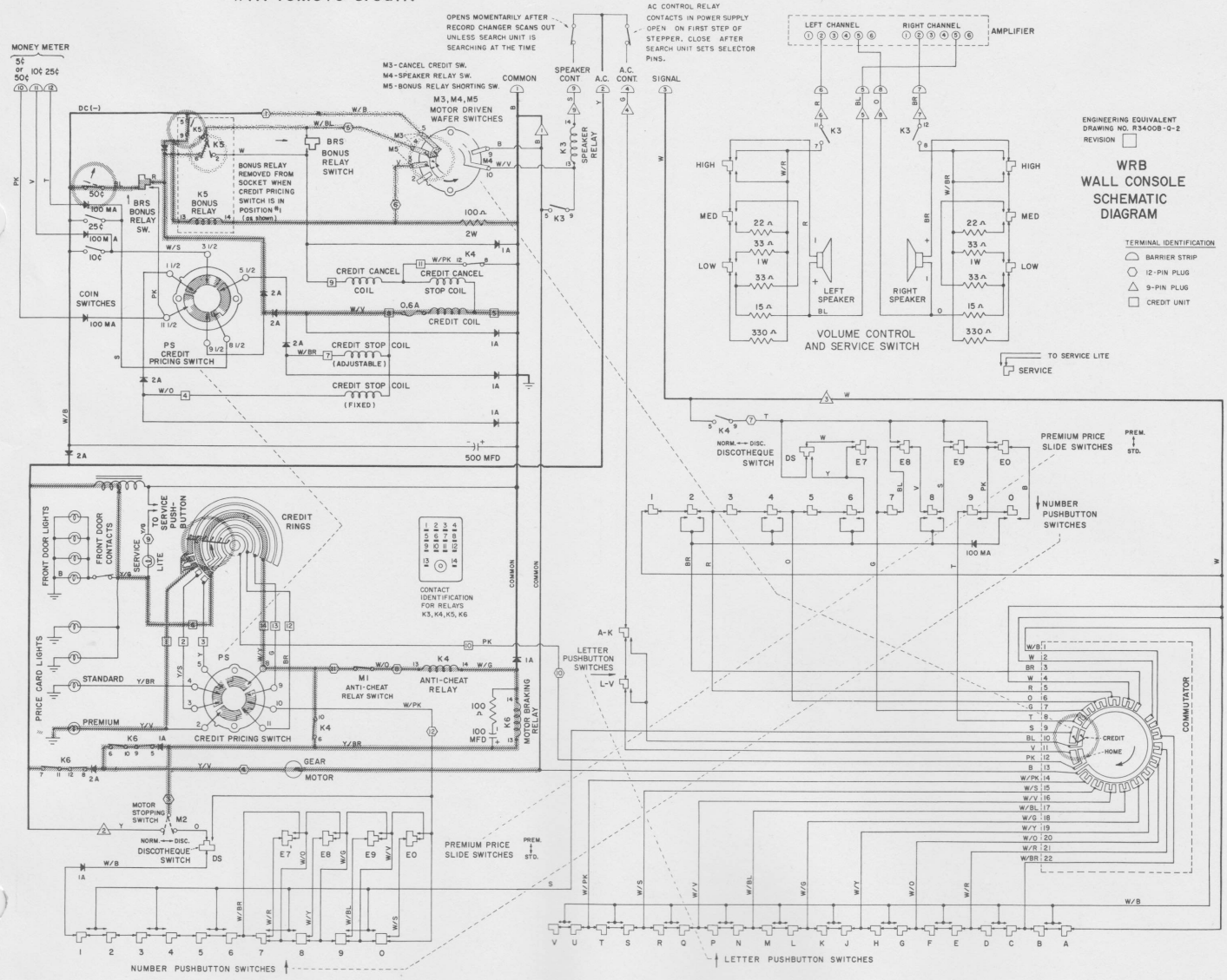
**Wall Console price combination using program panel No. 300-65074 as shown in PRICE OF PLAY PROGRAMMING CHART (page 4-5). CREDIT PRICING SWITCH in position No. 4 BONUS RELAY SWITCH (BRS) in "YES" position. All PREMIUM PRICE switches in "STANDARD" position.**

**C1**

CUSTOMER INSERTS HALF DOLLAR - K5 (Bonus Relay) becomes momentarily energized thru coin switch and BRS switch. Credit Coil is energized thru BRS switch, establishing 5 credits (25¢) on the credit wipers. Premium light is turned on thru the credit wipers. Commutator wiper advances to credit position as before. K5 relay remains energized thru its own contacts 5 and 9.

**C2**

CUSTOMER MAKES A SELECTION - During the selection cycle, M3 wafer switch closes and sends a second pulse thru the Bonus Relay contacts to the Credit Coil instead of the credit cancel coil. Thus, instead of credits being removed, 5 more are established. After M3 opens, M5 switch closes and shorts out the Bonus Relay, causing it to fall out. Subsequent selections will remove credit.

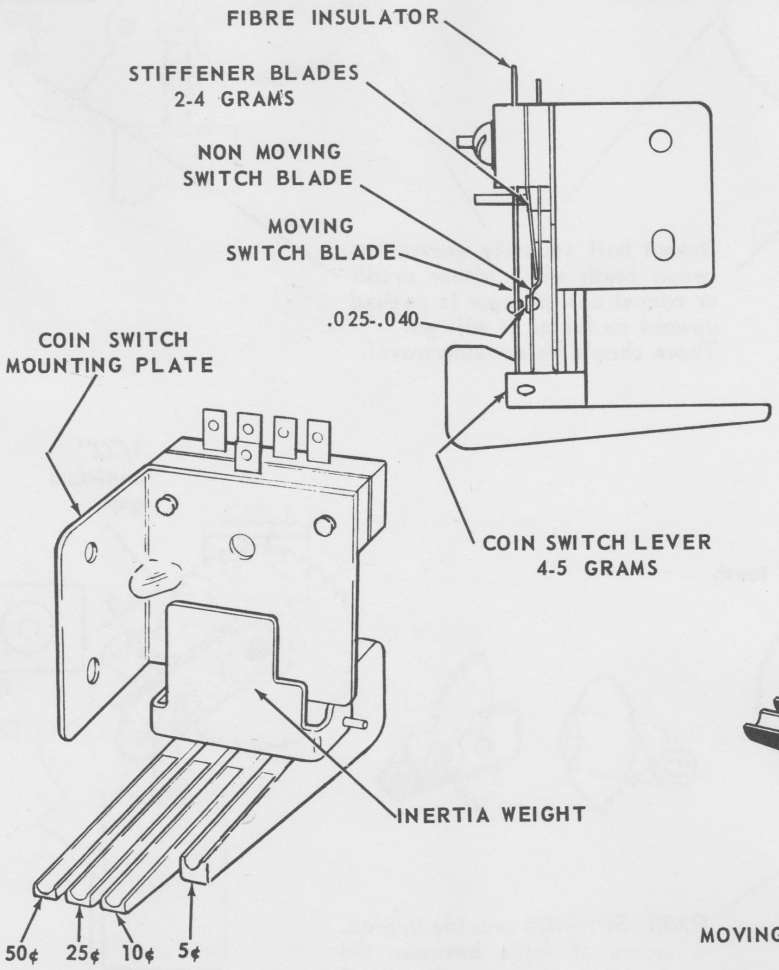


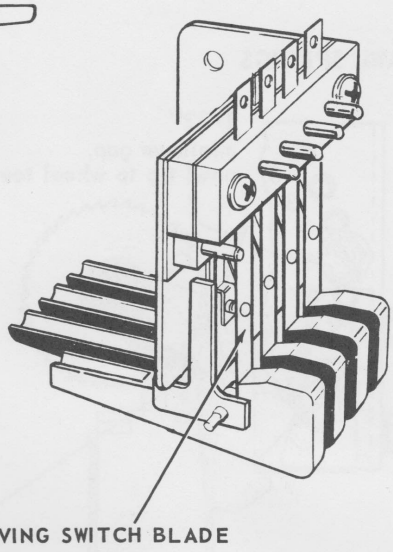
# ADJUSTMENTS

## 6-1. COIN SWITCHES.

The coin switch is located on the slug rejector mounting frame. The coin switch normally doesn't require attention unless in some way it is damaged. Check that coin switch levers do not touch the slug rejector; rather; they should stop in their "at rest" position.

b. OPERATIONAL CHECK - Hold the plastic coin switch lever in its normal position, and drop a coin through the slug rejector. When the coin comes to rest on the coin switch lever, release the lever slowly. The weight of the coin alone must operate the lever enough to close the coin switch and allow the coin to fall free.



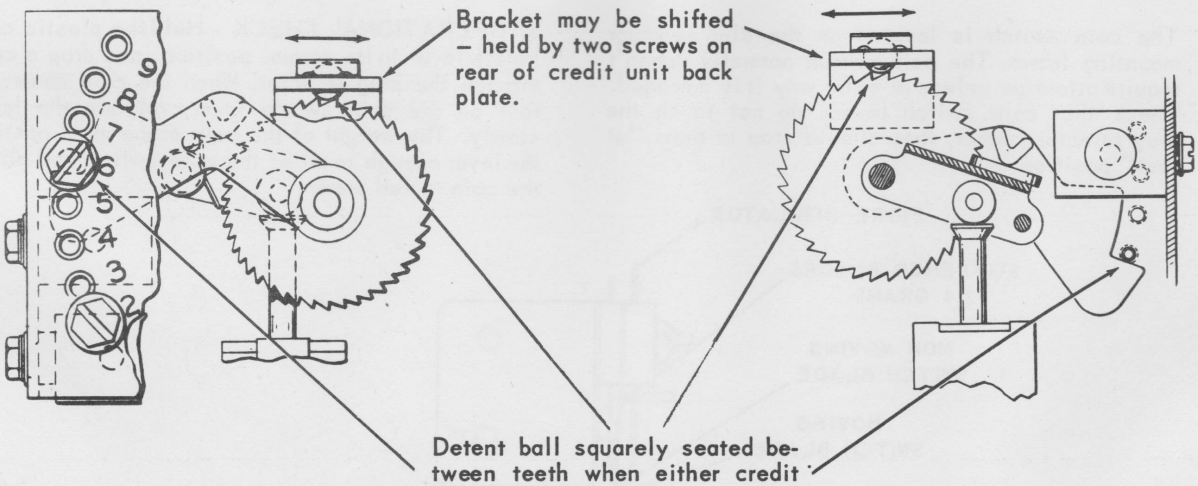




a. CONTACT PRESSURE AND GAP - Each moving switch blade must push against its lever with just enough force (4-5 grams) to hold the lever against the inertia weight. Each non-moving blade must push slightly (2-4 grams) against its stiffener blade. The gap between contacts of each switch should be .025 to .040 inch (about 1/32 inch.)

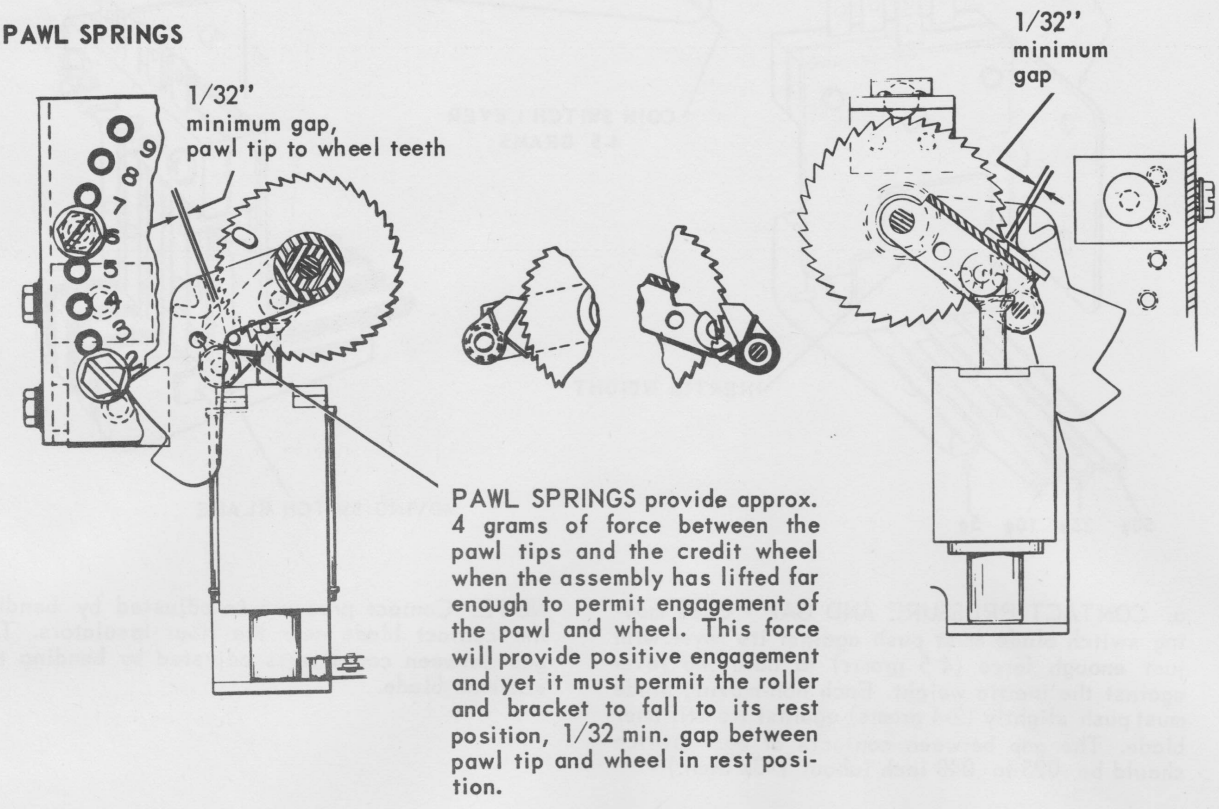
NOTE: Contact pressure is adjusted by bending the contact blade near the fiber insulators. The gap between contacts is adjusted by bending the stiffener blade.

## 6-2. CREDIT UNIT.

### DETENT BRACKET


Bracket may be shifted – held by two screws on rear of credit unit back plate.
Detent ball squarely seated between teeth when either credit or cancel coil plunger is pushed upward as far as it will go. There should be no *undertravel*.

### PAWL SPRINGS


1/32" minimum gap, pawl tip to wheel teeth
1/32" minimum gap
PAWL SPRINGS provide approx. 4 grams of force between the pawl tips and the credit wheel when the assembly has lifted far enough to permit engagement of the pawl and wheel. This force will provide positive engagement and yet it must permit the roller and bracket to fall to its rest position, 1/32 min. gap between pawl tip and wheel in rest position.

## WIPER ASSEMBLY

The wiper assembly must be positioned in two ways:

1. Wiper tips deflected against commutator plate. (Switch Circuit Board).
2. Wiper tip positioning on commutator segments.

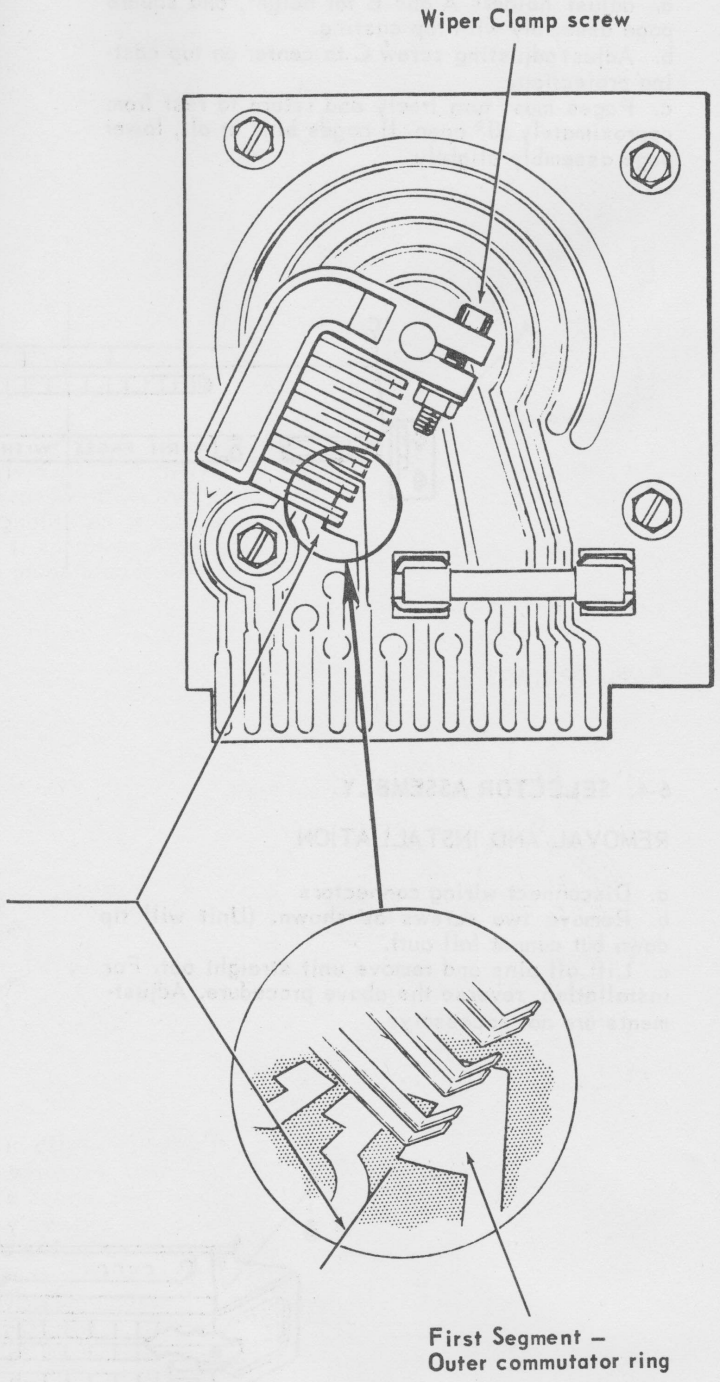
(A) Remove wiper assembly from shaft. Sight along profile of blades to make sure all blade-tips lie in the same plane, i.e., even with each other. Bend those which are not.

(B) Slide assembly onto shaft, with clamping screw *just* tight enough to hold it in position. Push it down until the wipers *just* touch the commutator surface. Continue to slide assembly toward commutator surface approx. 1/16 more or until wiper is flush with end of shaft. *Do not tighten screw yet.*

(C) Holding credit unit in its normal operating position, rotate credit wheel counter-clockwise as far as it will go. This is home position. Now rotate the wiper assembly on its shaft until the blade heels line up with the leading edge of the first segment as shown. Check the wiper contact force again as in (B).

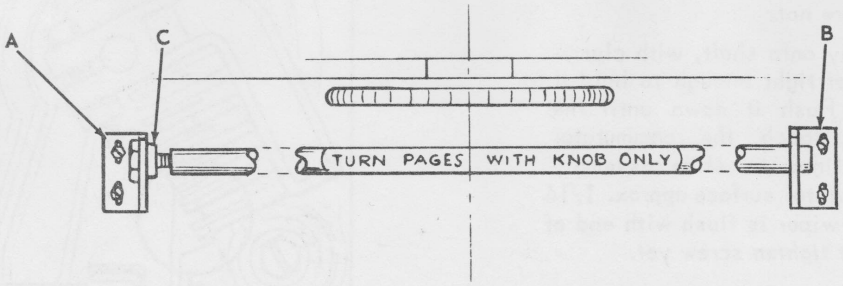
(D) Tighten the wiper clamping screw.

Now check the wipers for tracking on their respective commutator rings.



### 6-3. PAGE ASSEMBLY

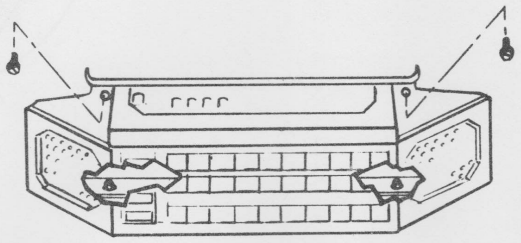
a. adjust holders A and B for height, and square page assembly with top casting.
b. Adjust adjusting screw C to center on top casting projection.
c. Pages must turn freely and return to rest from approximately 30° open. If pages bind at all, lower page assembly slightly.




### 6-4. SELECTOR ASSEMBLY.

REMOVAL AND INSTALLATION

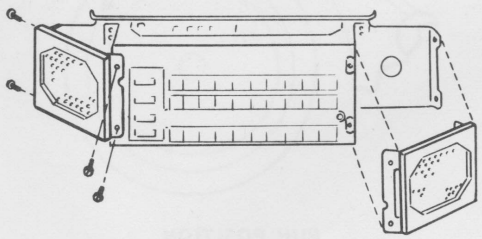
a. Disconnect wiring connectors
b. Remove two screws as shown. (Unit will tip down but cannot fall out).
c. Lift off pins and remove unit straight out. For installation, reverse the above procedure. Adjustments are not necessary.



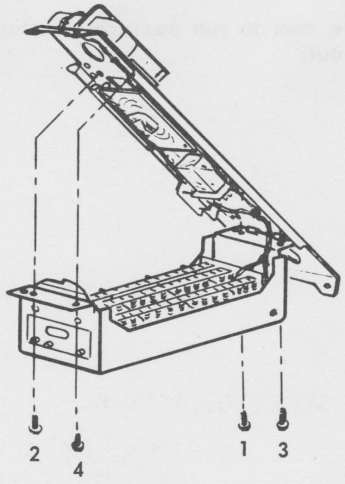
## ACCESS TO THE INTERIOR

NOTE: All adjustments in the selector assembly can be made with only right speaker removed and edge connector removed from commutator circuit board. Removal of left speaker and access to interior of selector assembly is necessary only if commutator circuit board, switches or wiring is to be replaced or repaired.

a. Remove speakers as shown.

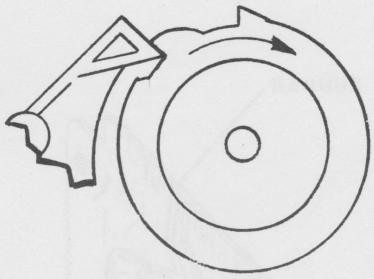


b. Remove four screws, and open selector assembly at hinge side as shown.



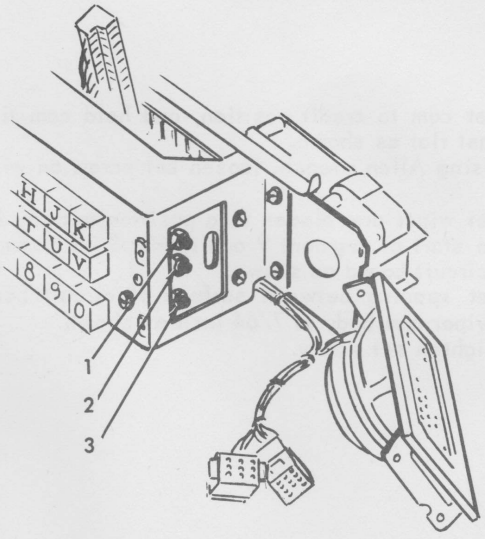

c. To reassemble, rotate latch bar cam away, install all four screws finger tight, then tighten with socket wrench in sequence 1, 2, 3, & 4. This aligns buttons automatically in correct position to front housing.

## LATCH BAR STOPS ADJUSTMENT.

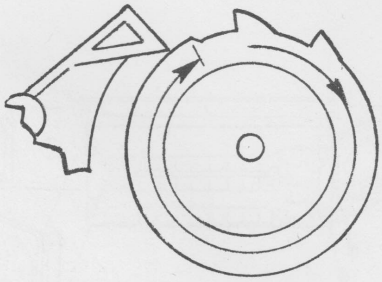


CREDIT POSITION

NOTE: Set cam in credit position for steps a through d.

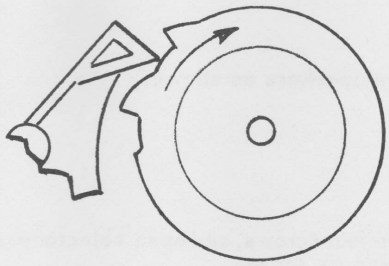



a. Turn in set screw 1 until letter buttons do not latch. (Just misses latching).
b. Back out set screw 1½ turns.
c. Repeat above steps for set screws 2 and 3. Set screw 3 adjusts latching of number buttons.
d. Check buttons for latching and releasing by pushing buttons one at a time. Any letter button should release any other latched letter button. Any number button should release any other latched number button.



RUN POSITION

e. Move cam to run position. Buttons should be locked out.

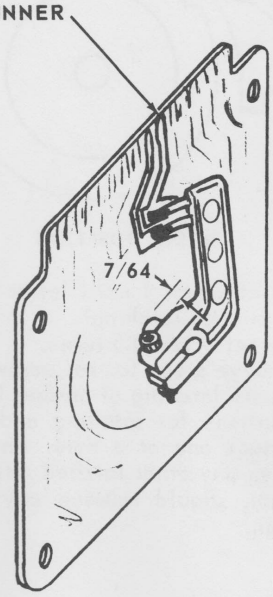


STANDBY POSITION

f. Move cam to standby position. Buttons should not latch.

WIPER ADJUSTMENT

a. Set cam to credit position, and hold cam tight against flat as shown.
b. Using Allen wrench, loosen set screw on wiper arm.
c. Set wiper arm blades to a position midway between start of segment 9 and runner 9 on commutator circuit board as shown.
d. Set spacing between surface of circuit board and wiper arm body at 7/64 inch as shown.
e. Tighten set screw.



## MOTOR AND CAM

Adjustments on the motor and cam assembly are not necessary; however, if the motor or cam has to be replaced, the following steps should be performed:

a. Remove four locknuts, as shown, and lift motor assembly off threaded studs.

b. Remove snap ring from shaft, and lift off cam.

c. To reassemble, place cam on shaft and rotate cam until grooved shoulder centers over roll-pin. Press down cam, and replace snap ring.

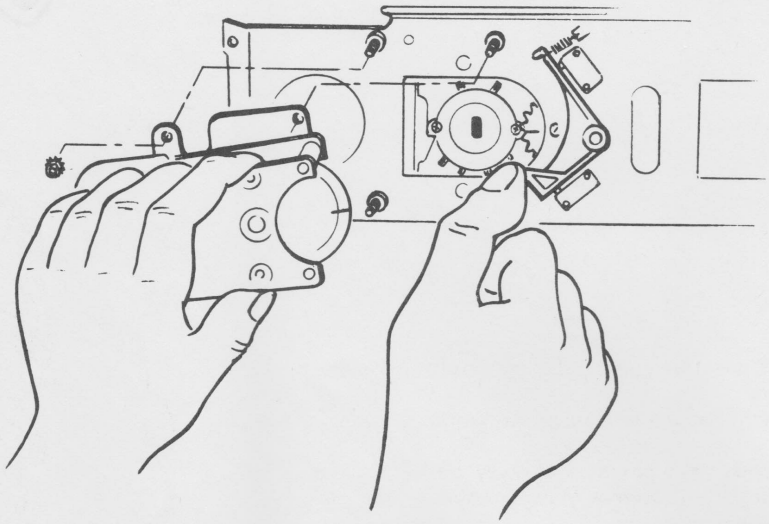
d. To install motor assembly in selector assembly, line up marks on cam and idler gear. (Wiper need not be readjusted.)

e. Line up wafer switch with D-shaft on motor.

f. Hold switch lever clear of cam, and carefully install motor assembly onto threaded studs until seated.

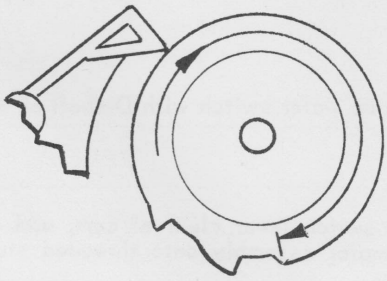
g. Replace and tighten locknuts.

h. Re-check wiper adjustment.



## M, M2 SWITCH ADJUSTMENT

a. Set cam in run position.

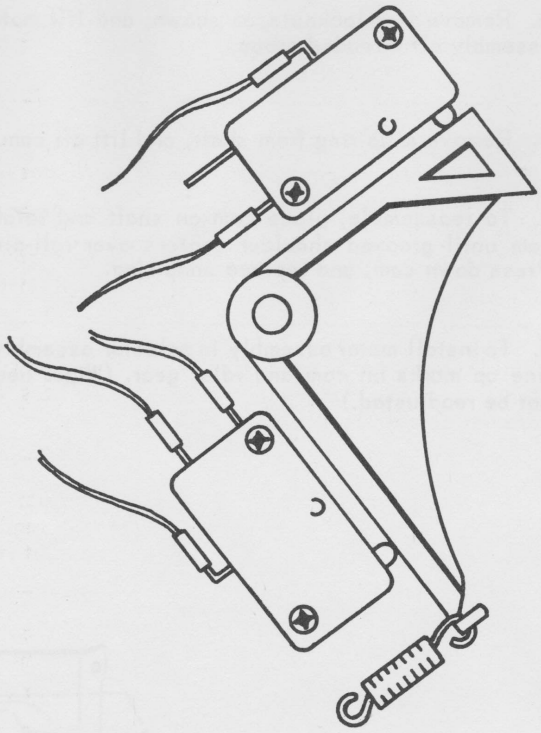


RUN POSITION

b. Loosen Phillips screws on switches, and move switches toward switch lever until switch buttons just touch lever, but are not depressed.

c. Tighten Phillips screws.

d. Check switch adjustment cam in clockwise direction. Switches should operate halfway up their respective cam lobes.



# TROUBLESHOOTING CHARTS

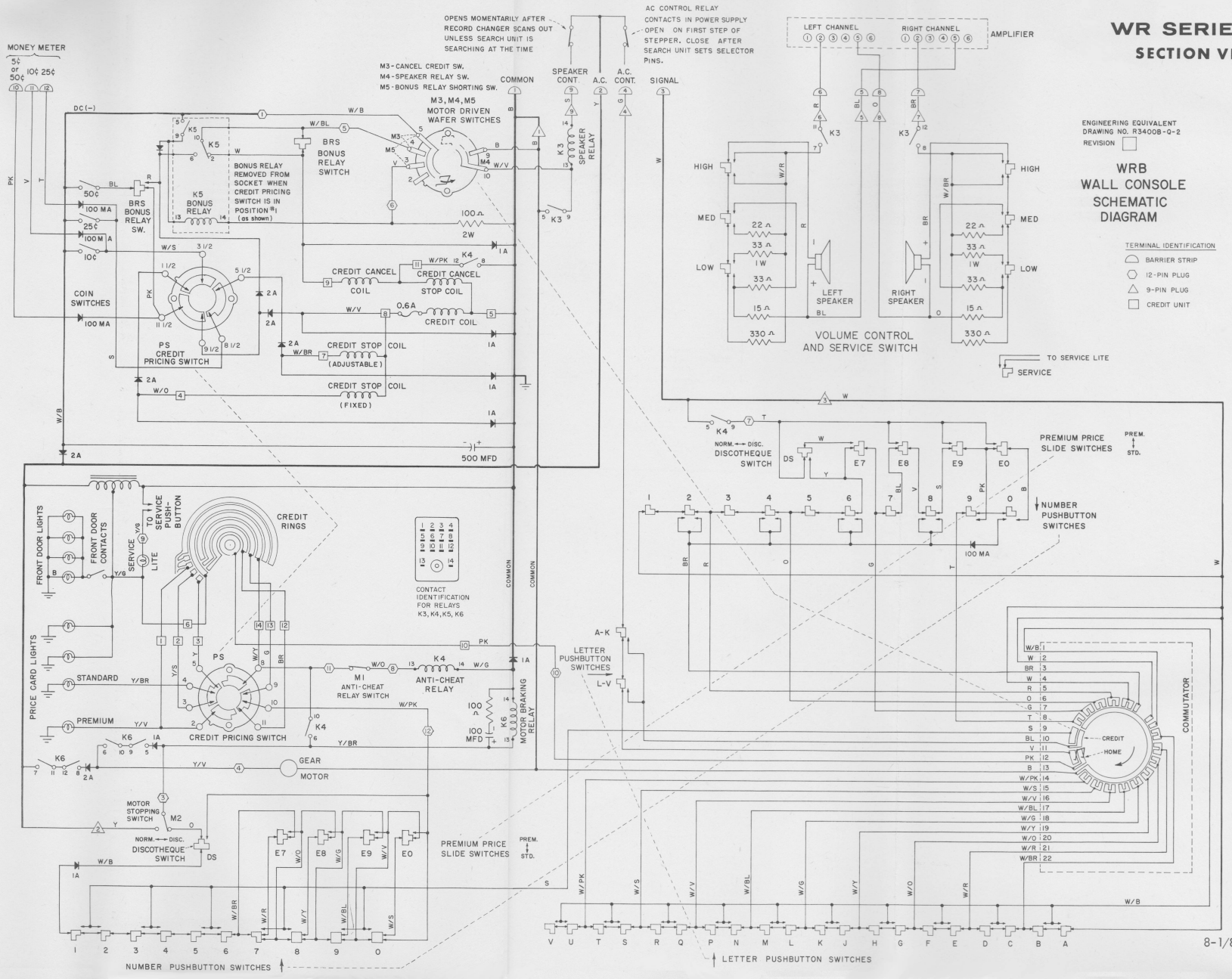
Troubleshooting charts on the following pages are provided as an aid to the serviceman in localizing and correcting troubles that may occur in the field.

The purpose of these charts is to point out the direction in which a solution to a problem can be achieved. Coverage starts at the point at which a wall console is ready for operation at location. Troubles of a general nature, such as faulty power outlet, power cord, or burned out lamps are not covered since the solution is usually simple and obvious.

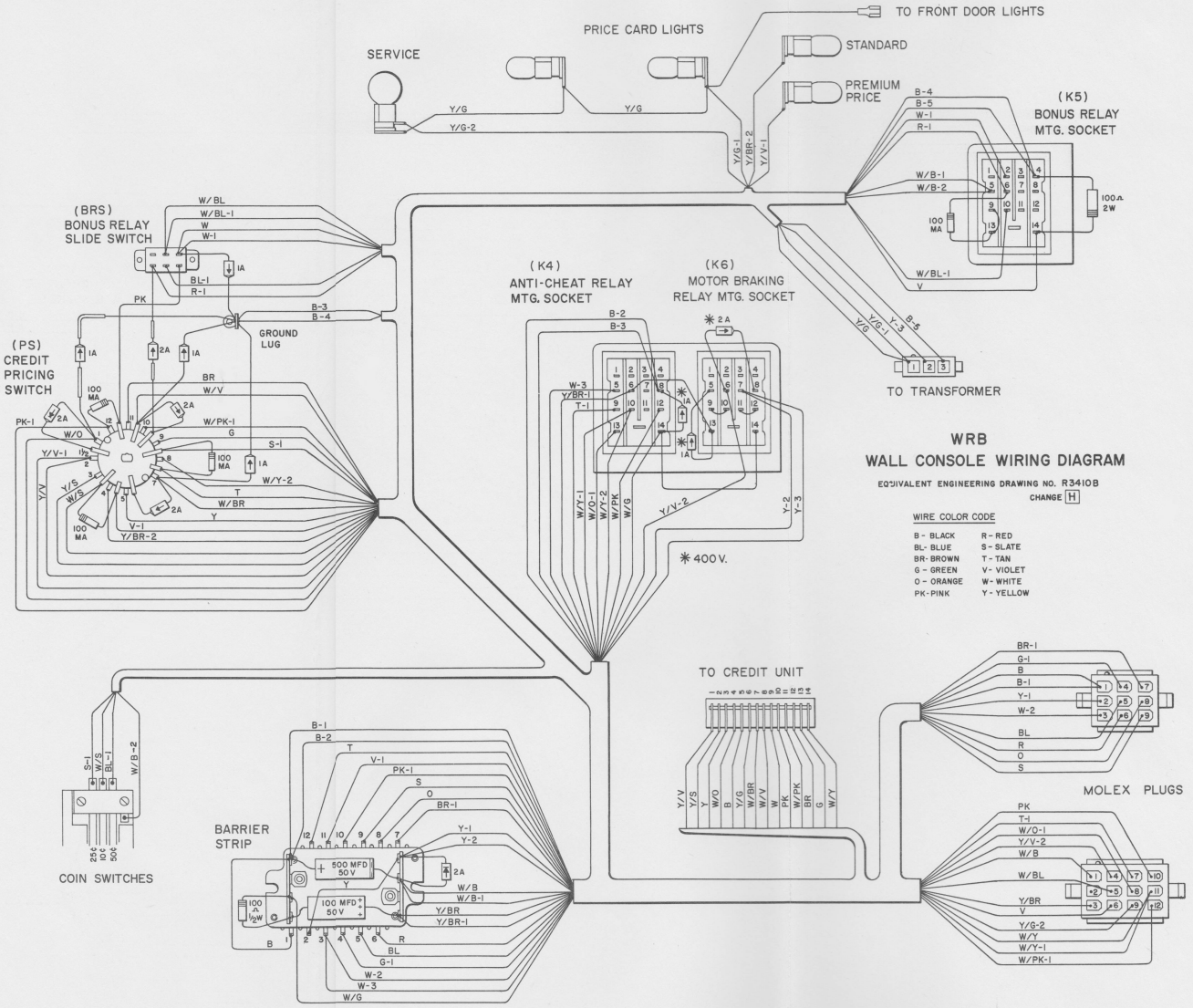
| TROUBLE | CAUSE | REMEDY |
|---|---|---|
| Valid coins sometimes fail to go through slug rejector to cash box, remaining jammed in the slug rejector. | Dirt or foreign matter clogging coin passages in slug rejector. | Refer to Service Manual for slug rejector Model Nos. 1-15-004 or 01-06-049 of National Rejectors, Inc. 5100 San Francisco Avenue St. Louis 15, Missouri |
| | Scavenger binding rejector out of adjustment. | |
| Valid coins pass through slug rejector to cash box, but credits are not established. | Coin switch or credit switch contacts dirty, bent, or broken. | Refer to Pricing Information or Adjustment Data sections of this manual. |
| | Incorrect alignment of slug rejector and coin switches. Coins drop between switch levers. | Refer to Pricing Information or Adjustment Data sections of this manual. |
| | Credit coil plunger binding; may be gummed with foreign matter or coil may be burned out. | Refer to Pricing Information or Adjustment Data sections of this manual. |
| | Fuse blown in credit unit. | Check for hanging coin switch. |
| | Broken lead to coin switch. | Re-solder lead to coin switch. |
| Valid coins are accepted, credits are established, but credit lamp does not light. | Lamp burned out or wiring broken or shorted. | Refer to wiring diagram and repair or replace defective wires. |
| | Broken wiper blade on credit unit wiper arm assembly. | Replace wiper blade. |
| Credit can not be established or removed. | No d-c voltage, or low d-c voltage to credit unit. | Check voltages in credit unit circuit. Replace diode or capacitor. |

| TROUBLE | CAUSE | REMEDY |
|---|---|---|
| Continuous free-play. Credit light remains on. | Bonus Relay switch in YES position when bonus relay is not used. | Return switch to NO position. |
| | Credit coil plunger binding in raised position. | Refer to pricing information section of this manual. |
| | Cancel coil burned out. | Replace cancel coil. |
| | Open in Cancel Circuit. | Refer to Schematic diagram. |
| More than normal number of credits established for coin deposited. | Appropriate stop coil not energized. | Look for intermittent open circuits, loose wires, or poor solder connections. |
| | Appropriate stop coil plunger sticking. | Actuate plunger manually to check for free operation. Clean or replace plunger and/or spring if necessary. |
| | Improper credit set up. | Check pricing chart Section IV paragraph 4-4. |
| | Coin switch bounce. | Check coin switch adjustment. |
| Motor does not run to credit position when credit is established. | Open circuit to motor. | Check adjustment of commutator wiper arm. Check continuity through M2 and D switches, number and letter switch banks, credit price switch, and credit rings. |
| Motor runs continuously. | Relay K6 does not drop out. | Check diodes in motor circuit for shorts. Replace shorted diode. |
| | Relay K6 drops out too fast. | Check for open resistor or capacitor in K6 coil circuit. |
| Motor runs slow. | Relay K6 contacts not making or open diode. | Check relay K6 contacts and diodes in motor circuit. |
| Motor stops as soon as it leaves credit position. | Switch M2 not operating. | Adjust or replace switch M2. |
| | Commutator wiper out of time. | Check adjustment of wiper arm. Readjust wiper arm if necessary. |

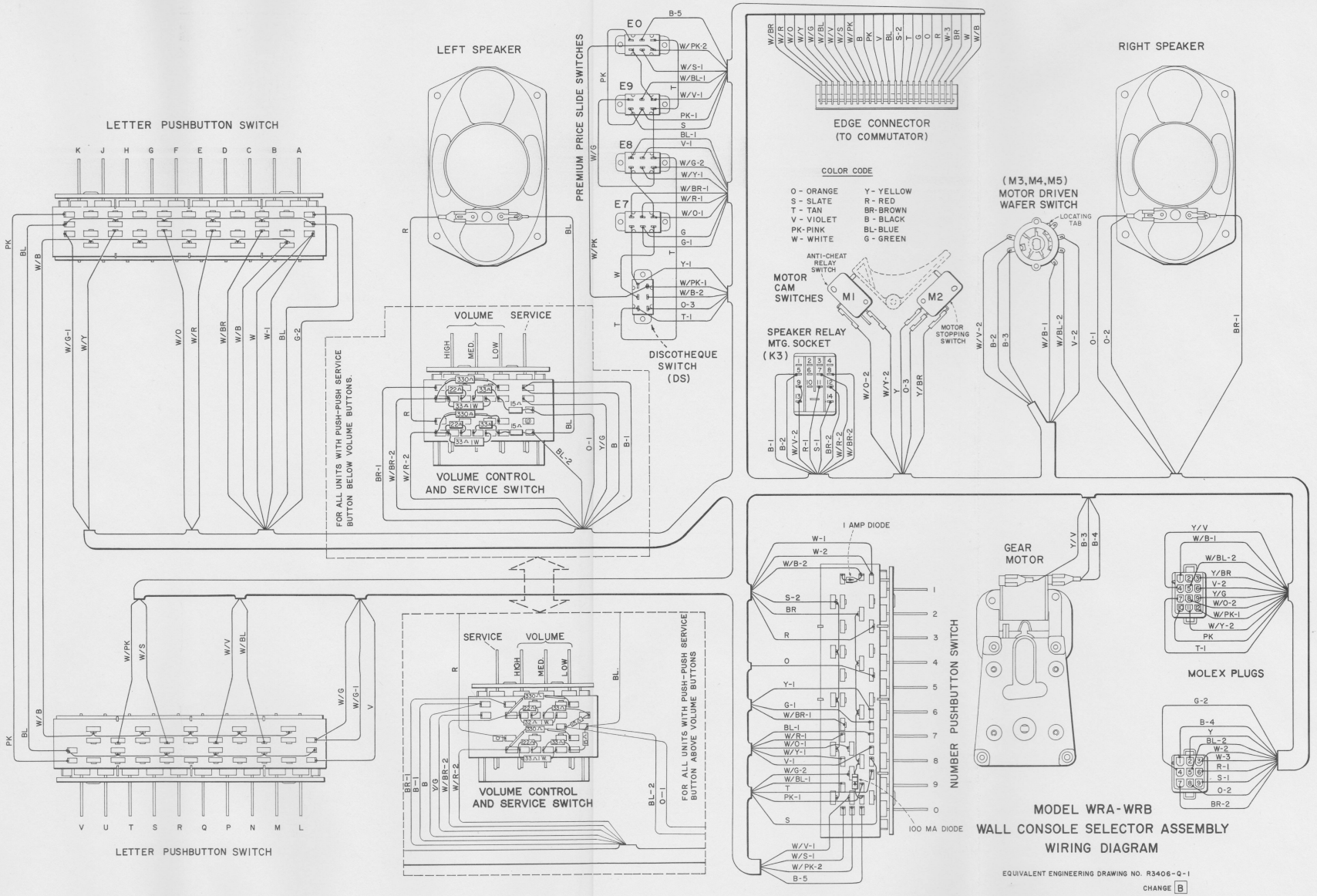
| TROUBLE | CAUSE | REMEDY |
|---|---|---|
| Standard selections remove premium credit. | Cancel-stop coil not operating. | Check for shorted cancel stop coil or sticking plunger. |
| Standard selections require premium credit and remove premium credit. | Discotheque or premium price switches set incorrectly. | Check switch settings. |
| Premium selections can not be made. | Relay K4 not operating. | Check adjustment of switch M1. Check continuity through premium price switches, switch M1, credit price switch, and credit rings. |
| Incorrect selections on all wall consoles. | Faulty stepper. | Refer to stepper manual. |
| Incorrect selection some wall consoles. | Open in signal credit. | Check continuity through commutator wiper and letter pushbutton switches. Through commutator wiper and number pushbutton switches. Through K4 relay contacts and premium price switches. |
| Pushbuttons do not latch or pushbuttons do not release. | Latch bar adjusting screws out of adjustment. | Adjust screws. |
| Title page lights do not operate. | Front door contact spring not making contact. | Adjust contact spring. |
| All wall consoles inoperative. | Burned out fuse in power supply. | Check for short in cabling. Check for overloaded power supplies. Refer to power supply instruction sheet. |
| All speakers stay on. | Faulty relay in power supply or no d-c voltage to relays. | |
| No sound | Relay K3 not operating. | Check seating of relay in its socket. Check for continuity to relay coil. |
| Channels unbalanced on low or medium volume. | Open resistor. | Check resistors on volume control switches. |
| One channel inoperative. | Speaker or speaker circuit open. | Check continuity through plug and speaker relay to speaker. |


MONEY METER
5¢ or 50¢ 10¢ 25¢
OPENS MOMENTARILY AFTER RECORD CHANGER SCANS OUT UNLESS SEARCH UNIT IS SEARCHING AT THE TIME
AC CONTROL RELAY CONTACTS IN POWER SUPPLY OPEN ON FIRST STEP OF STEPPER. CLOSE AFTER SEARCH UNIT SETS SELECTOR PINS.
M3-CANCEL CREDIT SW.
M4-SPEAKER RELAY SW.
M5-BONUS RELAY SHORTING SW.
COMMON
SPEAKER CONT.
A.C. CONT.
SIGNAL
M3, M4, M5 MOTOR DRIVEN WAFER SWITCHES
BRS BONUS RELAY SWITCH
K5 BONUS RELAY
BONUS RELAY REMOVED FROM SOCKET WHEN CREDIT PRICING SWITCH IS IN POSITION "1" (as shown)
BRS BONUS RELAY SW.
COIN SWITCHES
PS CREDIT PRICING SWITCH
CREDIT CANCEL COIL
CREDIT CANCEL STOP COIL
CREDIT COIL
CREDIT STOP COIL (ADJUSTABLE)
CREDIT STOP COIL (FIXED)
500 MFD
K3 SPEAKER RELAY
AMPLIFIER
LEFT CHANNEL
RIGHT CHANNEL
HIGH
MED
LOW
LEFT SPEAKER
RIGHT SPEAKER
VOLUME CONTROL AND SERVICE SWITCH
TO SERVICE LITE
SERVICE
ENGINEERING EQUIVALENT DRAWING NO. R3400B-Q-2
REVISION
WRB WALL CONSOLE SCHEMATIC DIAGRAM
TERMINAL IDENTIFICATION
BARRIER STRIP
12-PIN PLUG
9-PIN PLUG
CREDIT UNIT
DISCOTHEQUE SWITCH
PREMIUM PRICE SLIDE SWITCHES
NUMBER PUSHBUTTON SWITCHES
LETTER PUSHBUTTON SWITCHES
FRONT DOOR LIGHTS
FRONT DOOR CONTACTS
SERVICE LITE
TO SERVICE PUSH-BUTTON
CREDIT RINGS
CONTACT IDENTIFICATION FOR RELAYS K3, K4, K5, K6
PRICE CARD LIGHTS
STANDARD
PREMIUM
CREDIT PRICING SWITCH
M1 ANTI-CHEAT RELAY SWITCH
ANTI-CHEAT RELAY
MOTOR BRAKING RELAY
GEAR MOTOR
MOTOR STOPPING SWITCH
COMMUTATOR
CREDIT
HOME

8-1/8-2


TO FRONT DOOR LIGHTS
PRICE CARD LIGHTS
SERVICE
STANDARD
PREMIUM PRICE
Y/G
Y/G-2
Y/G-1
Y/BR-2
Y/V-1
(K5) BONUS RELAY MTG. SOCKET
B-4
B-5
W-1
R-1
W/B-1
W/B-2
100 MA
100 Ω 2W
W/BL-1
V
(BRS) BONUS RELAY SLIDE SWITCH
W/BL
W/BL-1
W
W-1
BL-1
R-1
1A
PK
B-3
B-4
GROUND LUG
(PS) CREDIT PRICING SWITCH
2A
BR
W/V
W/PK-1
G
S-1
W/Y-2
T
W/BR
Y
V-1
Y/BR-2
W/O
Y/V-1
Y/V
Y/S
W/S
(K4) ANTI-CHEAT RELAY MTG. SOCKET
(K6) MOTOR BRAKING RELAY MTG. SOCKET
B-2
B-3
W-3
Y/BR-1
T-1
W/Y-1
W/O-1
W/Y-2
W/PK
W/G
Y/V-2
Y-2
Y-3
✱ 2A
✱ 400 V.
TO TRANSFORMER
Y/G-1
Y-3
B-5
WRB
WALL CONSOLE WIRING DIAGRAM
EQUIVALENT ENGINEERING DRAWING NO. R3410B
CHANGE H
WIRE COLOR CODE
B - BLACK
BL - BLUE
BR - BROWN
G - GREEN
O - ORANGE
PK - PINK
R - RED
S - SLATE
T - TAN
V - VIOLET
W - WHITE
Y - YELLOW
TO CREDIT UNIT
Y/V
Y/S
W/O
B
Y/G
W/BR
W/V
W
PK
W/PK
BR
G
W/Y
BR-1
G-1
B
B-1
Y-1
W-2
BL
R
O
S
MOLEX PLUGS
PK
T-1
W/O-1
Y/V-2
W/B
W/BL
Y/BR
V
Y/G-2
W/Y
W/Y-1
W/PK-1
BARRIER STRIP
B-1
B-2
T
V-1
PK-1
S
O
BR-1
Y-1
Y-2
500 MFD 50 V
100 MFD 50 V
100 Ω ½W
W/B
W/B-1
Y/BR
Y/BR-1
BL
G-1
W-2
W-3
W/G
COIN SWITCHES
25¢
10¢
50¢
S-1
W/S
BL-1
W/B-2

8-3/8-4
1APR66




MODEL WRA-WRB
WALL CONSOLE SELECTOR ASSEMBLY
WIRING DIAGRAM

EQUIVALENT ENGINEERING DRAWING NO. R3406-Q-1
CHANGE B

8-5/8-6
1APR66

# PARTS CATALOG

INTRODUCTION - This parts catalog contains illustrations and accompanying parts lists for the ROWE AMI MODEL WRB WALL-ETTE. The parts breakdown is arranged in a logical disassembly order, beginning with the entire assembly or group and broken into subsequent subassemblies or groups. Each listing includes the index number, a description of the part, and the quantity required for the next higher assembly. Parts that are permanently fastened together, such as welded or riveted assemblies, are available only as assemblies and are listed as such.

HOW TO IDENTIFY AND ORDER REPLACEMENT PARTS

IDENTIFYING PARTS - The Table of Contents will help you locate the illustration on which a part appears. When you have located the part in the illustration, refer to the accompanying parts list to identify the part against the matching index number. The parts list will give the correct part number, a description of the part, and the quantity used.

ORDERING REPLACEMENT PARTS - When ordering a replacement part, specify the part number, the item description, and the quantity of the replacement part you need. Do not include index no. or page no. You should give also the model and serial numbers of the machine for which the parts are needed. This is important because of the policy of continuing product improvement. Order all parts in this catalog directly from your local distributor.

All replaced parts covered by warranty should be sent to your local distributor.

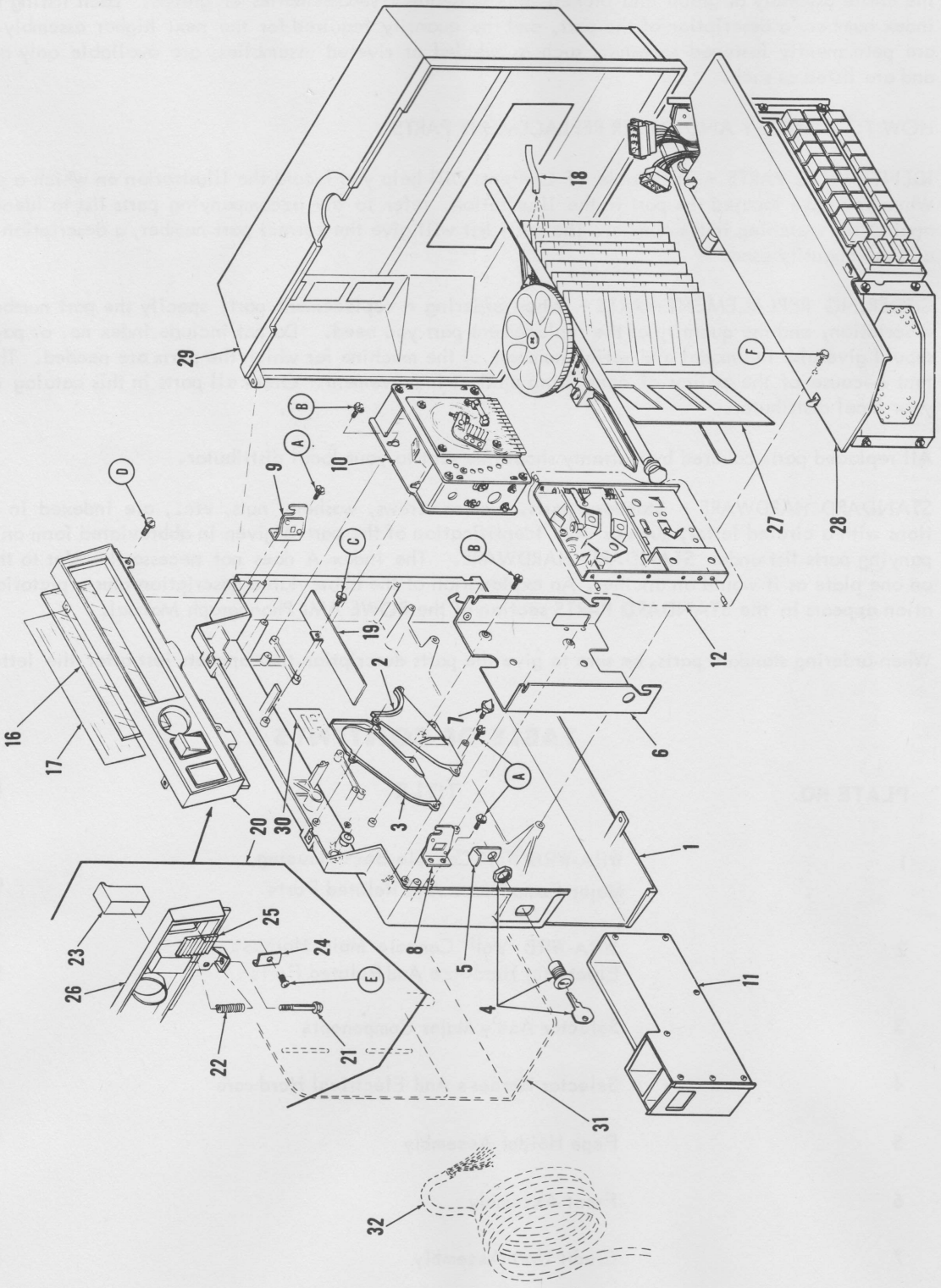
STANDARD HARDWARE - Standard parts, such as screws, washers, nuts, etc., are indexed in the illustrations with a circled letter, such as A. Identification of the part is given in abbreviated form on the accompanying parts list under STANDARD HARDWARE. The index A does not necessarily refer to the same part on one plate as it would on another. An explanation of the abbreviated description plus a pictorial representation appears in the STANDARD PARTS section of the ROWE AMI Phonograph Manual.

When ordering standard parts, be sure to give the parts description that appears just after the letter reference.

## TABLE OF CONTENTS


| PLATE NO. | TITLE | PAGE |
|---|---|---|
| 1 | WRA-WRB Wall Console Back Housing, Major Components And Related Parts | 9-3 |
| 2 | WRA-WRB Wall Console Main Harness Electrical Hardware And Related Parts | 9-5 |
| 3 | Selector Ass'y Major Components | 9-7 |
| 4 | Selector Harness And Electrical Hardware | 9-9 |
| 5 | Page Holder Assembly | 9-11 |
| 6 | Front Assembly | 9-13 |
| 7 | Credit Unit Assembly | 9-15 |

PLATE 1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# WRA-WRB Wall Console Back Housing, Major Components And Related Parts

| Index No. | Part No. | Description | Qty. Per Assy. |
|---|---|---|---|
| 1 | 301-05742 | Back Housing & Pin Assembly | 1 |
| 2 | 300-05707 | Coin Chute - Top | 1 |
| 3 | 300-05719 | Coin Chute - Bottom (25¢) (WRA) | 1 |
| | 300-05708 | Coin Chute - Bottom (50¢) (WRB) | |
| 4 | 707-01620 | Lock - Individual Keying | 1 |
| 5 | 200-12725 | Bolt - Lock | 1 |
| 6 | 301-05743 | Bracket & Lock Assembly - Rejector | 1 |
| 7 | 200-12728 | Stud | 1 |
| 8 | 200-12733 | Bracket - Title Page (L.H.) | 1 |
| 9 | 201-12803 | Bracket & Contact Assembly (R.H.) | 1 |
| 10 | 606-03300 | Credit Unit Assembly (See Plate 7) | 1 |
| 11 | 301-05739 | Cash Box Assembly | 1 |
| 12 | 401-00277 | Slug Rejector & Stud Assembly (WRA) | 1 |
| | 401-05469 | Slug Rejector & Stud Assembly (WRB) | |
| 16 | 200-12743 | Window - Program | 1 |
| 17 | | Program Panel (See Price of Play Programming Procedure Chart for Part No. of Panel Desired) | 1 |
| | 201-12837 | Accessories Bag Assembly | 1 |
| | | Includes: | |
| | 200-12838 | Installation Instructions | 1 |
| 18 | | Classifiers: | |
| | 201-12762 | (Discotheque) | |
| | 202-12762 | (Popular) | |
| | 203-12762 | (Country) | |
| | 204-12762 | (Western) | |
| | 205-12762 | (Country & Western) | |
| | 206-12762 | (Polka) | |
| | 207-12762 | (Hot Singles) | |
| | 208-12762 | (Top LP's) | |
| | 210-12762 | (Rhythm & Blues) | |
| | 211-12762 | (Yesteryear's Favorites) | |
| | 212-12762 | (Jazz) | |
| | 214-12762 | (Top Female Vocalist) | |
| | 216-12762 | (Top Male Vocalist) | |
| | 218-12762 | (Swingin' Groups) | |
| | 219-12762 | (Stereo) | |
| 19 | 200-12802 | Reflector | 1 |
| 20 | 301-05741 | Coin Inlet Assembly | 1 |
| | | Includes: | |
| 21 | 200-12716 | Shaft-Reject Button | 1 |
| 22 | 200-12761 | Spring - Compression | 1 |
| 23 | 200-12715 | Button - Reject | 1 |
| 24 | 200-12717 | Bracket - Retaining | 2 |
| 25 | 200-12753 | Window - Service | 1 |
| 26 | 301-05740 | Coin Inlet & Pin Assembly | 1 |
| 27 | 601-03408 | Page Holder Assembly (See Plate 5) | 1 |
| 28 | 601-03406 | Selector Assembly (See Plates 3 & 4) | 1 |
| 29 | 601-03407 | Front Assembly (See Plate 6) | 1 |
| 30 | 701-03142 | Name Plate (WRA) | 1 |
| | 702-03142 | Name Plate (WRB) | |

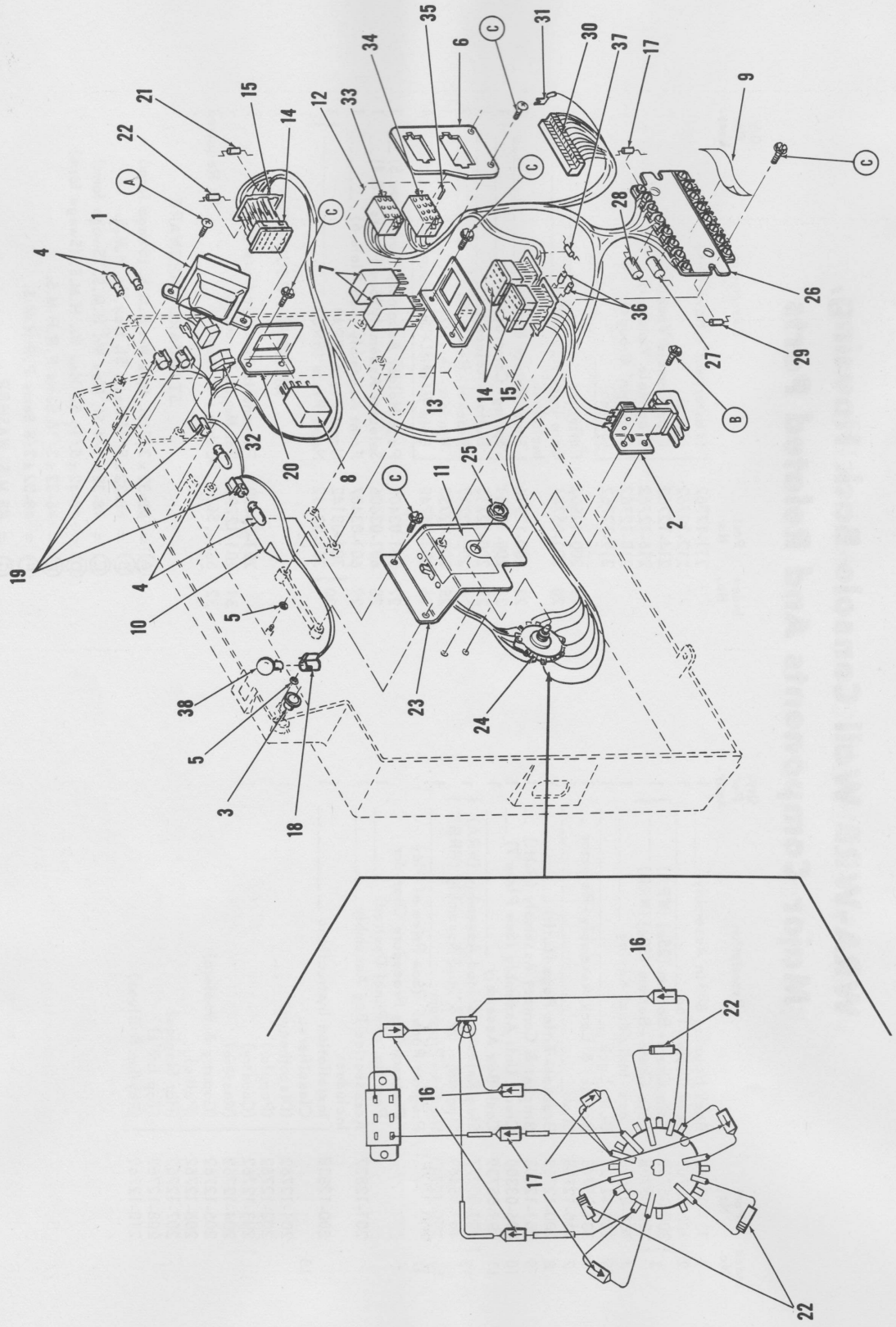
## OPTIONAL EQUIPMENT

| | | | |
|---|---|---|---|
| | 201-65490 | Personalization Kit Assembly | |
| 31 | 201-12796 | Bar Mount Assembly | |
| 32 | Spec. 5054 | Cable (12 - wire) | As Required |

## STANDARD HARDWARE

Ⓐ = #8-32 x 3/8 Sl. Hex Wr. H.M.S. (Swage form)
Ⓑ = #8-32 x 5/16 Sems Sl. Hex Wr. H.M.S.
Ⓒ = #8-32 x 1/4 Sl. Hex Wr. H.M.S. (Swage form)
Ⓓ = #8-32 x 5/16 Sl. Hex Wr. H.M.S. (Swage form)
Ⓔ = #6-32 x 3/16 Sems P.R.H.M.S.
Ⓕ = #8-32 x 3/8 Sems P.R.H.M.S.
Ⓖ = #8 M.S. WASHER

PLATE 2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A
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C

# WRA-WRB Wall Console Main Harness, Electrical Hardware And Related Parts

| Index No. | Part No. | Description | Qty. Per Assy. |
|---|---|---|---|
| 1 | 201-12843 | Transformer Ass'y | 1 |
| | 300-05729 | Transformer | 1 |
| | 201-12845 | Pin Housing | 1 |
| | 706-00926 | Contact Pin | 3 |
| 2 | 304-05745 | Coin Switch Assembly (WRA) | 1 |
| | 303-05745 | Coin Switch Assembly (WRB) | |
| 3 | 200-12814 | Lens - Service | |
| 4 | 200-02232 | Light - Pilot | 4 |
| 5 | 200-12815 | Speed Nut | 4 |
| 6 | 200-12781 | Bracket - Receptacle | 1 |
| 7 | 200-12751 | Relay (K4, K6) | 2 |
| 8 | 200-12751 | Relay - Bonus (K5) (Optional) | Opt. |
| 9 | 200-12759 | Label - Wall Console Connections | 1 |
| 10 | 200-12833 | Label - Relays | 1 |
| 11 | 200-12829 | Label - Credit & Bonus Relay Switches | 1 |
| 12 | 601-03410 | Harness Assembly (WRA) | 1 |
| | 602-03410 | Harness Assembly (WRB) | |
| | | Includes: (WRB) | |
| 13 | 200-12746 | Bracket - Relay Mounting | 1 |
| 14 | 200-10474 | Relay Mounting Socket (K4, K5, K6) | 3 |
| 15 | 200-10475 | Retainer - Socket | 3 |
| 16 | 200-11145 | Diode - Silicon (1A - 100V.) | 4 |
| 17 | 200-12693 | Diode - Silicon (2A-100V.) WRA | 4 |
| | | WRB | 5 |
| 18 | 200-12784 | Lamp Socket | 1 |
| 19 | 200-12785 | Lamp Socket | 4 |
| 20 | 200-12790 | Bracket - Relay Mounting | 1 |
| 21 | 716-00105 | Resistor - Carbon (100 ohm - 2W) | 1 |
| 22 | 200-50122 | Diode - Silicon (100 MA) | 4 |
| 23 | 201-12798 | Bracket & Slide Switch Assembly | 1 |
| 24 | 200-12742 | Credit Pricing Switch | 1 |
| 25 | 200-02649 | Palnut | 1 |
| 26 | F-12799A | Barrier Strip Assembly | 1 |
| 27 | 711-00231 | Capacitor (Electrolytic) - 500 MFD 50 V | 1 |
| 28 | 712-00231 | Capacitor (Electrolytic) | 1 |
| 29 | 722-00102 | Resistor - Carbon (100 ohm ½W) | 1 |
| 30 | 204-11575 | Edge Connector | 1 |
| 31 | 701-00925 | Flag Terminal | 14 |
| 32 | 206-12444 | Socket Housing - (3 Pin) | 1 |
| 33 | 203-12444 | Socket Housing - (9 Pin) | 1 |
| 34 | 204-12444 | Socket Housing - (12 Pin) | 1 |
| 35 | 701-00926 | Contact | 23 |
| 36 | 200-12854 | Diode-Silicon (1A-400V.) | 2 |
| 37 | 200-12860 | Diode-Silicon (2A-400V.) | 1 |
| 38 | 200-12867 | Service Light (Flashing) | 1 |

## STANDARD HARDWARE

Ⓐ = #6-32 x 1/4 P.R.H.M.S.

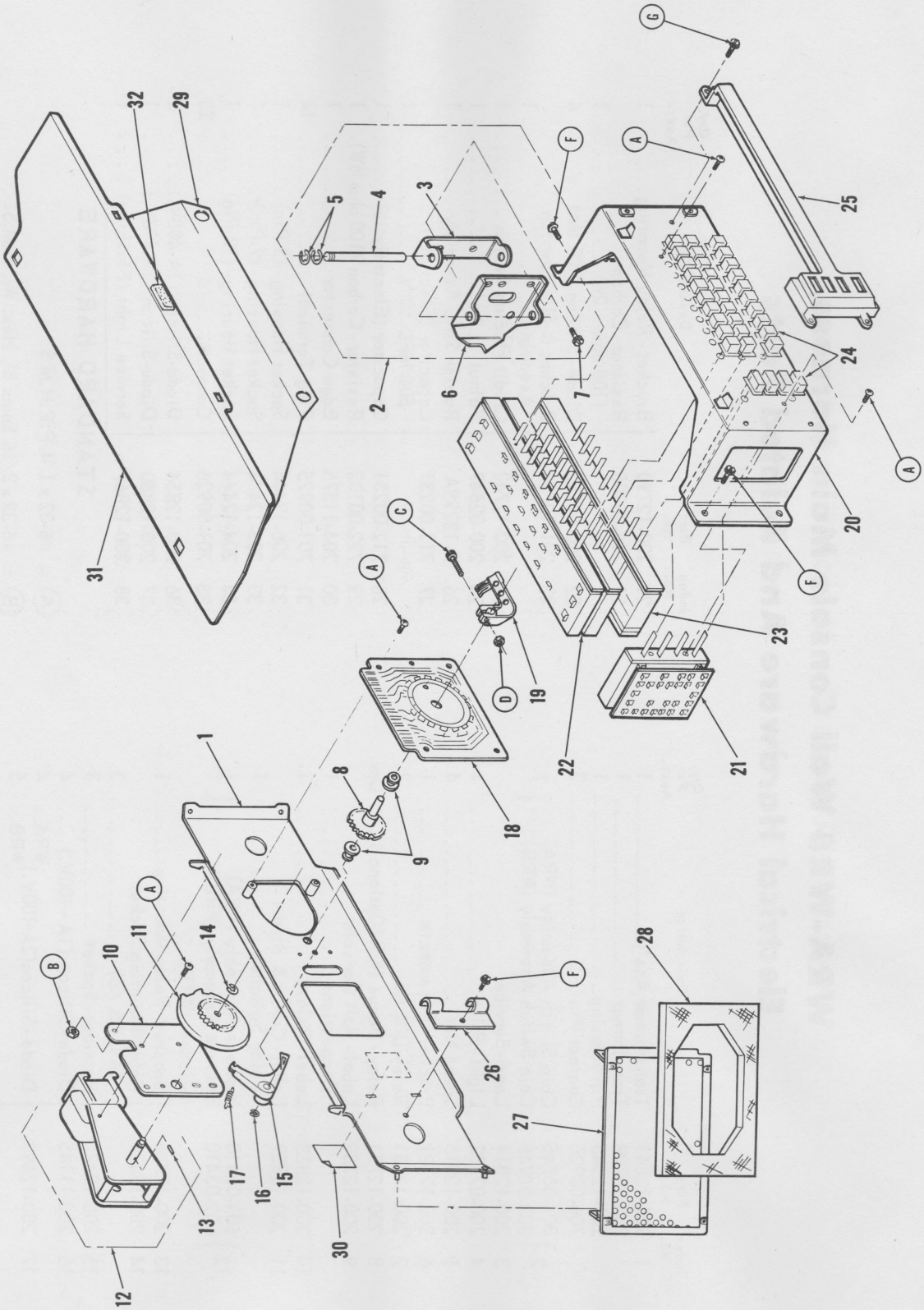
Ⓑ = #6-32 x 3/16 Sems Sl. Hex. Wr. H.M.S.

Ⓒ = #8-32 x 5/16 Sl. Hex Wr. H.M.S. (Swage form)

PLATE 2

WR SERIES

PLATE 3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# Selector Assembly Major Components

## Part No. 601-03406

| Index No. | Part No. | Description | Qty. Per Assy. |
|---|---|---|---|
| 1 | 401-05468 | Back Plate Assembly | 1 |
| 2 | 201-12760 | Latch Lever Assembly | 1 |
| | | Includes: | |
| 3 | 200-12718 | Bracket-Mtg. (Lever) | 1 |
| 4 | 200-12738 | Shaft-Lever | 1 |
| 5 | 703-01430 | External Retaining Ring | 2 |
| 6 | 201-12763 | Lever & Nut Assembly | 1 |
| 7 | 200-03822 | Screw-Adjusting | 3 |
| 8 | 201-12765 | Gear & Shaft Assembly | 1 |
| 9 | 703-01460 | Bearing | 2 |
| 10 | 200-12818 | Motor Mounting Plate | 1 |
| 11 | 300-05748 | Cam | 1 |
| 12 | 201-12769 | Motor & Pin Assembly | 1 |
| | | Includes: | |
| 13 | 706-01131 | Roll Pin | 1 |
| 14 | 704-01430 | External Retaining Ring | 1 |
| 15 | 300-05746 | Lever-Cam | 1 |
| 16 | 703-01430 | External Retaining Ring | 1 |
| 17 | 200-12804 | Tension Spring | 1 |
| 18 | 201-12821 | Commutator Circuit Assembly | 1 |
| 19 | 301-05718 | Wiper Assembly | 1 |
| 20 | 301-05747 | Frame & Nut Assembly | 1 |
| 21 | 300-05752 | Pushbutton Switch (Volume & Service) | 1 |
| 22 | 400-05450 | Pushbutton Switch (Letter) | 1 |
| 23 | 300-05700 | Pushbutton Switch (Number) | 1 |
| 24 | _____ | | |

### PUSHBUTTONS

| | | |
|---|---|---|
| (A) - 301-05701 | (L) - 301-05702 | (1) - 301-05703 |
| (B) - 302-05701 | (M) - 302-05702 | (2) - 302-05703 |
| (C) - 303-05701 | (N) - 303-05702 | (3) - 303-05703 |
| (D) - 304-05701 | (P) - 304-05702 | (4) - 304-05703 |
| (E) - 305-05701 | (Q) - 305-05702 | (5) - 305-05703 |
| (F) - 306-05701 | (R) - 306-05702 | (6) - 306-05703 |
| (G) - 307-05701 | (S) - 307-05702 | (7) - 307-05703 |
| (H) - 308-05701 | (T) - 308-05702 | (8) - 308-05703 |
| (J) - 310-05701 | (U) - 310-05702 | (9) - 310-05703 |
| (K) - 311-05701 | (V) - 311-05702 | (0) - 311-05703 |

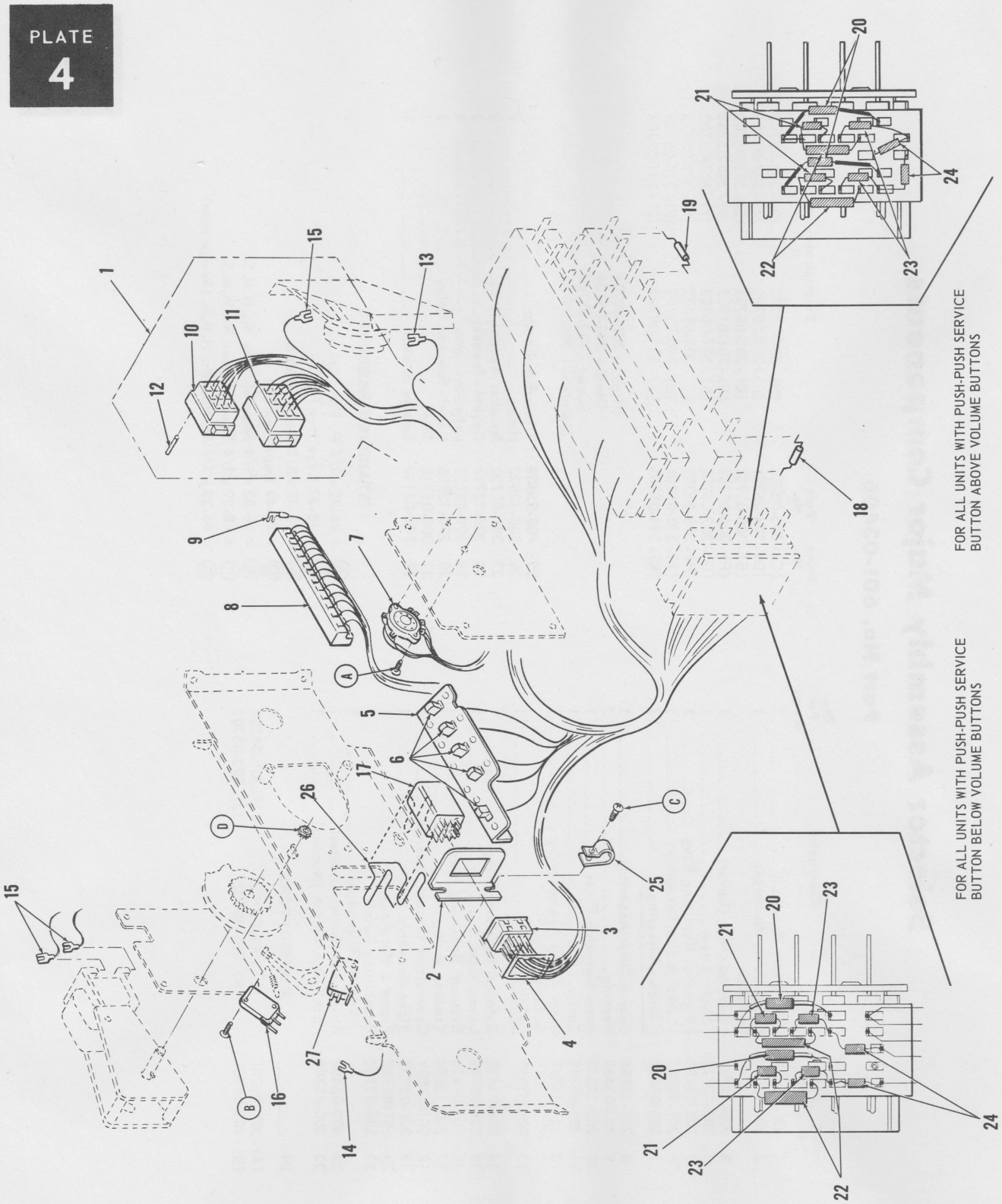
(High) - 301-05704
(Med) - 302-05704
(Low) - 303-05704
(Service) - 304-05704

| | | | |
|---|---|---|---|
| 25 | 400-05452 | Trim-Pushbutton | 1 |
| 26 | 200-12822 | Hinge | 1 |
| 27 | 301-05730 | Speaker Assembly | 2 |
| 28 | 200-12794 | Gasket-Speaker | 2 |
| 29 | 300-05751 | Label-Insulator | 1 |
| 30 | 200-12836 | Label-Speaker Relay | 1 |
| 31 | 300-05715 | Shelf | 1 |
| 32 | 704-02119 | Sponge Rubber | 1 |

### STANDARD HARDWARE

Ⓐ = #8-32 x 1/4 P. Pan H.M.S.
Ⓑ = #8-32 Keps Hex Nut
Ⓒ = #4-40 x 5/8 Skt. H. Caps.
Ⓓ = #4-40 Keps Hex Nut
Ⓔ = #6-32 x 1/4 Sems Sl. Hex Wr. H.M.S.
Ⓕ = #8-32 x 1/4 Sems Sl. Hex Wr. H.M.S.
Ⓖ = #6-32 x 3/8 Sl. Hex Wr. H.M.S. (Swage form)

PLATE 4


FOR ALL UNITS WITH PUSH-PUSH SERVICE BUTTON ABOVE VOLUME BUTTONS
FOR ALL UNITS WITH PUSH-PUSH SERVICE BUTTON BELOW VOLUME BUTTONS

# Selector Harness And Electrical Hardware

| Index No. | Part No. | Description | Qty. Per Assy. |
|---|---|---|---|
| 1 | 601-03411 | Selector Harness Assembly | 1 |
| | | Includes: | |
| 2 | 200-12783 | Relay Mounting Bracket | 1 |
| 3 | 200-10474 | Socket - Relay Mounting (K3) | 1 |
| 4 | 200-10475 | Socket Retainer | 1 |
| 5 | 201-12771 | Slide Switch Assembly | 1 |
| | | Includes: | |
| 6 | 200-12756 | Slide Switch | 5 |
| 7 | 200-12791 | Wafer Switch (M3, M4, M5) | 1 |
| 8 | 207-11575 | Edge Connector | 1 |
| 9 | 701-00925 | Flag Terminal | 22 |
| 10 | 203-12445 | Socket Housing (9-Pin) | 1 |
| 11 | 204-12445 | Socket Housing (12-Pin) | 1 |
| 12 | 702-00926 | Contact | 20 |
| 13 | 719-00913 | Terminal Lug | 1 |
| 14 | 714-00913 | Terminal Lug | 7 |
| 15 | 702-00913 | Terminal Lug | 1 |
| 16 | 200-12832 | Switch (M1 | 2 |
| 17 | 200-12353 | Relay (K3) | 1 |
| 18 | 200-11145 | Diode - Silicon (1A) | 1 |
| 19 | 200-50122 | Diode - Silicon (100 MA) | 1 |
| 20 | 719-00107 | Resistor - 330 ohm 1/2W | 2 |
| 21 | 724-00107 | Resistor - 22 ohm 1/2W | 2 |
| 22 | 708-00108 | Resistor - 33 ohm 1W | 2 |
| 23 | 716-00109 | Resistor - 33 ohm 1/2W | 2 |
| 24 | 702-00120 | Resistor - 15 ohm 1/2W | 2 |
| 25 | 703-00931 | Cable Clamp | 1 |
| 26 | 200-12869 | Spring-Relay | 1 |
| 27 | 200-10731 | Switch (M2) | 1 |

## STANDARD HARDWARE

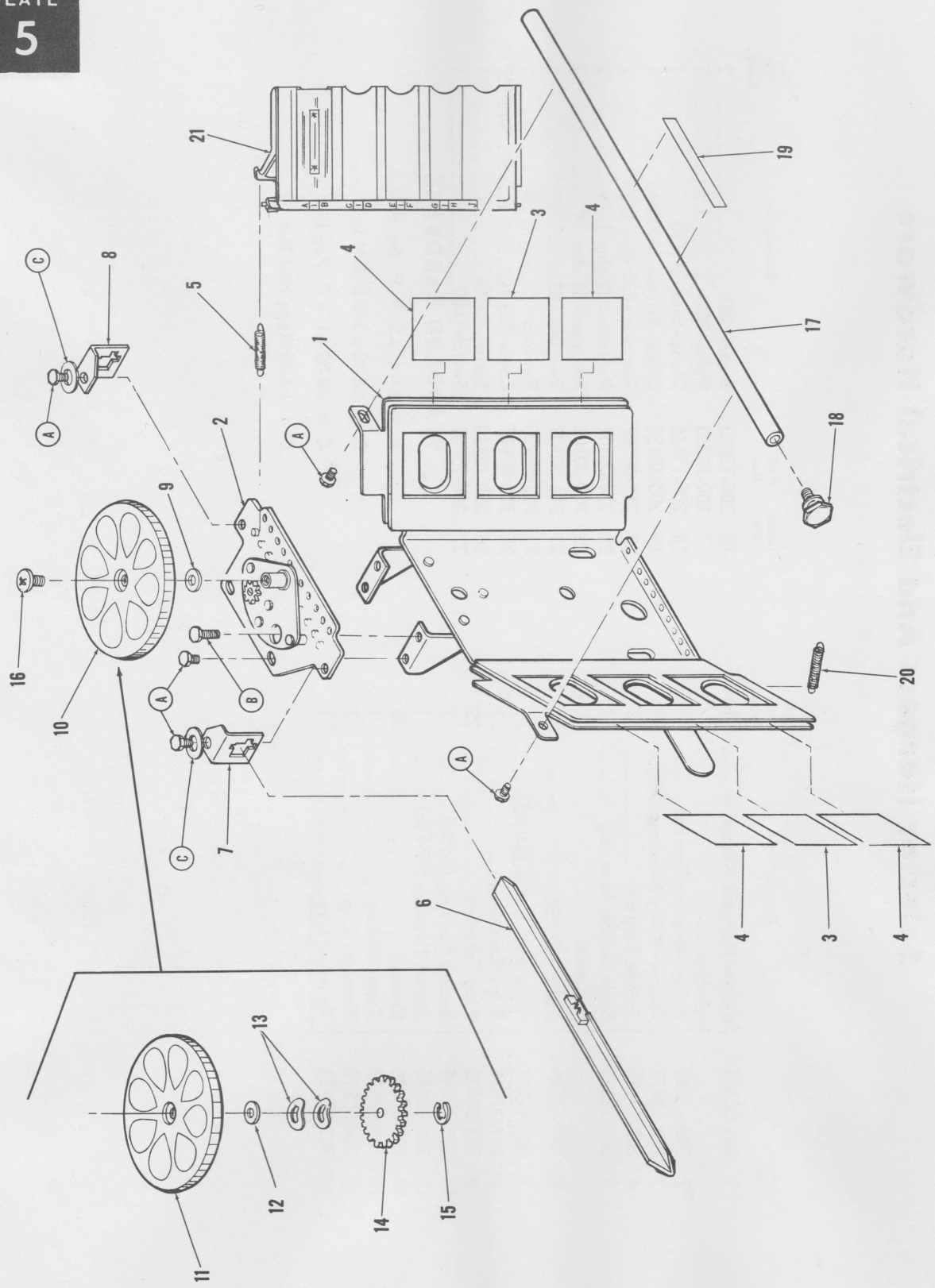
A = #4-40 x 5/16 P. Bd. H.M.S.

B = #4-40 x 5/8 P.R.H.M.S.

C = #8-32 x 1/4 P. Pan H.M.S.

D = #4-40 Keps Hex Nut

PLATE 5



# Page Holder Assembly

## Part No. 601-03408

| Index No. | Part No. | Description | Qty. Per Assy. |
|---|---|---|---|
| 1 | 301-05735 | Page Holder & Latch Assembly | 1 |
| 2 | 301-05732 | Plate & Idler Gear Assembly | 1 |
| 3 | 200-12826 | Miniature Album Insert | 2 |
| 4 | 200-12835 | Miniature Album Insert | 4 |
| 5 | 200-12789 | Tension Spring | 10 |
| 6 | 300-05713 | Rack | 1 |
| 7 | 200-12711 | Stop - Rack (L.H.) | 1 |
| 8 | 200-12712 | Stop - Rack (R.H.) | 1 |
| 9 | 701-01208 | Washer (Teflon) | 1 |
| 10 | 201-12795 | Knob & Gear Assembly | 1 |
| | | Includes: | |
| 11 | 401-05466 | Knob | 1 |
| 12 | 702-01208 | Washer (Plain) | 1 |
| 13 | 200-12849 | Bow Washer | 2 |
| 14 | 200-12708 | Gear | 1 |
| 15 | 706-01430 | External Retaining Ring | 1 |
| 16 | 200-12706 | Knob Screw | 1 |
| 17 | 200-12730 | Mounting Rod | 1 |
| 18 | 200-12723 | Tip - Mounting Rod | 1 |
| 19 | 200-12806 | Label - Caution (Page Holder) | 1 |
| 20 | 200-12807 | Spring - Tension | 1 |
| 21 | | Page Assemblies | |
| | 301-05733 | Page Assembly A1 - V1<br>Includes Number Strips:<br>(A1 - K1) Part No. 301-05731<br>(L1 - V1) Part No. 302-05731 | 1 |
| | 302-05733 | Page Assembly A2 - V2<br>Includes Number Strips:<br>(A2 - K2) Part No. 303-05731<br>(L2 - V2) Part No. 304-05731 | |
| | 303-05733 | Page Assembly (A3 - V3)<br>Includes Number Strips:<br>(A3 - K3) Part No. 305-05731<br>(L3 - V3) Part No. 306-05731 | |
| | 304-05733 | Page Assembly A4 - V4<br>Includes Number Strips:<br>(A4 - K4) Part No. 307-05731<br>(L4 - V4) Part No. 308-05731 | |
| | 305-05733 | Page Assembly A5 - V5<br>Includes Number Strips:<br>(A5 - K5) Part No. 310-05731<br>(L5 - V5) Part No. 311-05731 | |
| | 306-05733 | Page Assembly A6 - V6<br>Includes Number Strips:<br>(A6 - K6) Part No. 312-05731<br>(L6 - V6) Part No. 314-05731 | |
| | 307-05733 | Page Assembly A7 - V7<br>Includes Number Strips:<br>(A7 - K7) Part No. 316-05731<br>(L7 - V7) Part No. 318-05731 | |
| | 308-05733 | Page Assembly A8 - V8<br>Includes Number Strips:<br>(A8 - K8) Part No. 319-05731<br>(L8 - V8) Part No. 320-05731 | |
| | 310-05733 | Page Assembly A9 - V9<br>Includes Number Strips:<br>(A9 - K9) Part No. 321-05731<br>(L9 - V9) Part No. 322-05731 | |
| | 311-05733 | Page Assembly A0 - V0<br>Includes Number Strips:<br>(A0 - K0) Part No. 323-05731<br>(L0 - V0) Part No. 324-05731 | |

### STANDARD HARDWARE

Ⓐ = #8-32 x 1/4 Sems Sl. Hex Wr. H.M.S.

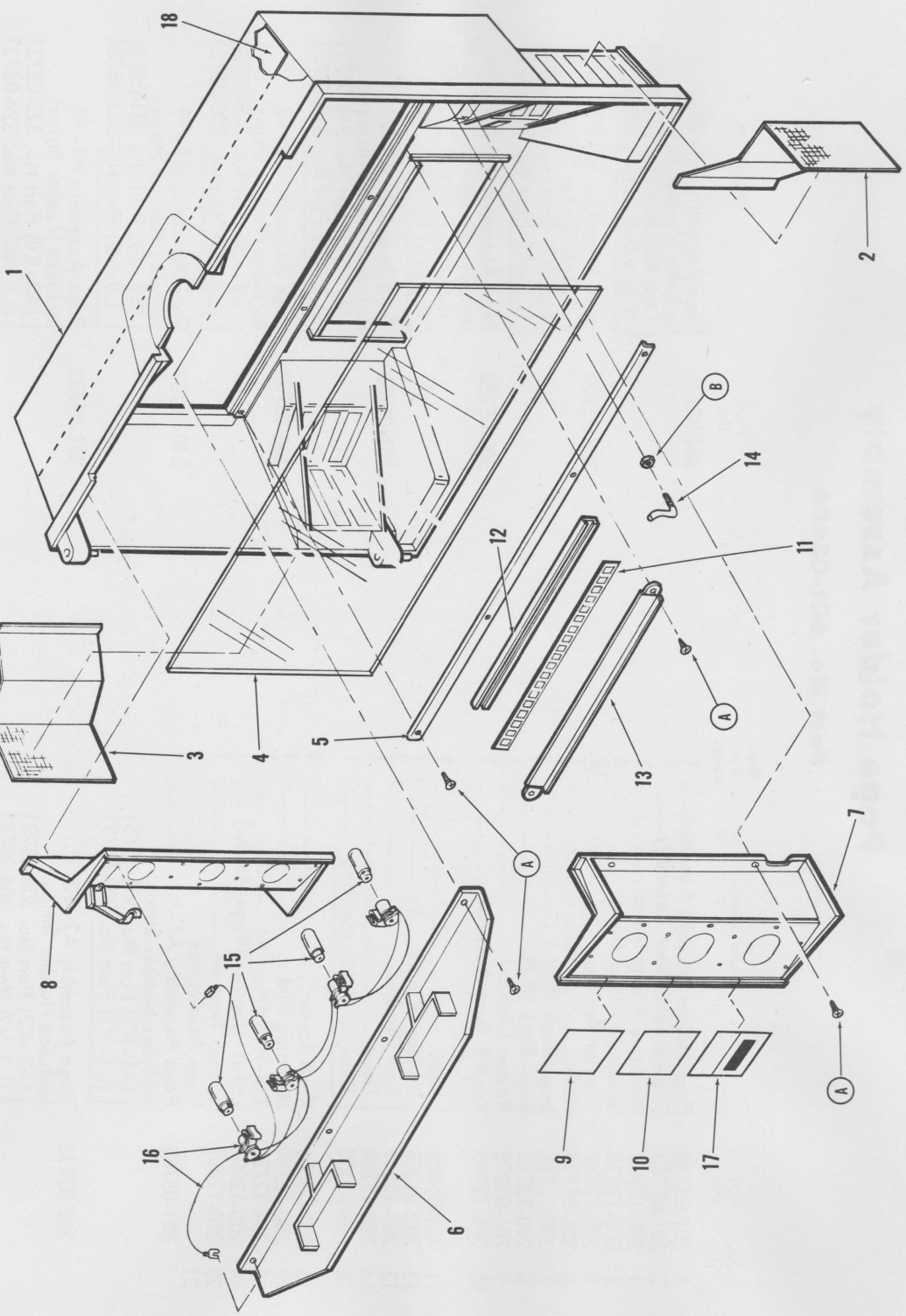
Ⓑ = #8-32 x 5/8 Sems Sl. Hex Wr. H.M.S.

Ⓒ = #8 M.S. WASHER

PLATE 5

WR SERIES

PLATE 6



# Front Assembly

## Part No. 601-03407

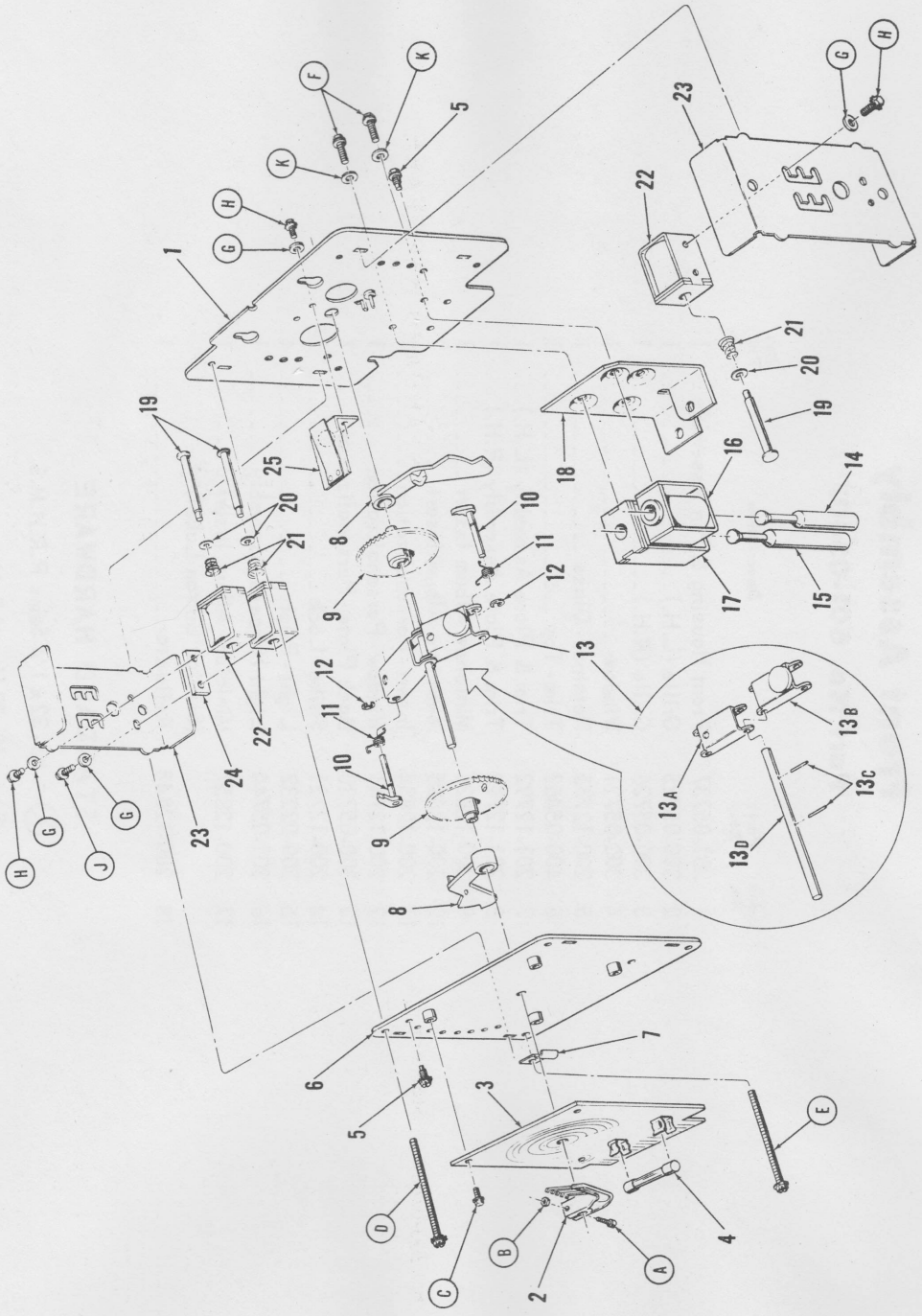
| Index No. | Part No. | Description | Qty. Per Assy. |
|---|---|---|---|
| 1 | 301-05737 | Front Housing & Pin Assembly | 1 |
| 2 | 300-05725 | Grille (L.H.) | 1 |
| 3 | 300-05726 | Grille (R.H.) | 1 |
| 4 | 300-05721 | Window | 1 |
| 5 | 200-12735 | Retainer - Glass | 1 |
| 6 | 400-05462 | Trim - Top | 1 |
| 7 | 201-12792 | Trim & Plate Assembly (L.H.) | 1 |
| 8 | 201-12793 | Trim & Plate Assembly (R.H.) | 1 |
| 9 | 200-12826 | Miniature Album Insert | 3 |
| 10 | 200-12835 | Miniature Album Insert | 2 |
| 11 | 200-12834 | Insert - Personalization | 1 |
| 12 | 200-12741 | Window - Personalization | 1 |
| 13 | 300-05720 | Back Plate - Personalization | 1 |
| 14 | 200-12721 | Strike - Lock | 1 |
| 15 | 200-02232 | Light - Pilot | 4 |
| 16 | 301-05744 | Light Harness Assembly | 1 |
| 17 | 200-12857 | Miniature Album Insert (Service Button Label) | 1 |
| 18 | 200-12848 | Reflector | 1 |

### STANDARD HARDWARE

(A) = #6 - 32 x 1/4 Sems P.R.H.M.S.

(B) = #10 - 32 Hex M.S. Nut

PLATE 7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# Credit Unit Assembly

## Part No. 602-03300

| INDEX NO. | SERVICE PART NO. | DESCRIPTION | QTY. PER ASSY. |
|---|---|---|---|
| 1 | 201-12754 | Back Plate Assembly | 1 |
| 2 | 301-05574 | Wiper Assembly | 1 |
| 3 | 301-05580 | Switch Circuit Assembly | 1 |
| 4 | 703-00721 | Fusetron - 0.6 amp | 1 |
| 5 | 200-07468 | Stop Screw | 2 |
| 6 | 201-12056 | Front Plate Assy. | 1 |
| 7 | 200-00130 | Cable Clip | 1 |
| 8 | 200-07484 | Stop Arm | 2 |
| 9 | 200-12052 | Ratchet Wheel | 2 |
| 10 | 201-12055 | Pawl and Shaft Assy. | 2 |
| 11 | 200-12068 | Spring-Pawl | 2 |
| 12 | 701-01430 | Snap Ring | 2 |
| 13 | 201-12058 | Roller Bracket and Shaft Assy. Includes | 1 |
| 13A | 201-07825 | Bracket & Roller Assy. - Credit | 1 |
| 13B | 201-11568 | Bracket & Roller Assy. - Cancel | 1 |
| 13C | 716-01130 | Roll Pin | 2 |
| 13D | 200-07467 | Shaft | 1 |
| 14 | 201-12054 | Cancel Plunger & Tip Assy. | 1 |
| 15 | 201-07756 | Credit Plunger & Tip Assy. | 1 |
| 16 | 201-07789 | Credit Cancel Coil | 1 |
| 17 | 204-11505 | Credit Coil | 1 |
| 18 | 200-12051 | Solenoid Bracket | 1 |
| 19 | 201-12019 | Stop Plunger & Tip Assy. | 3 |
| 20 | 712-01207 | Washer | 3 |
| 21 | 200-11533 | Compression Spring | 3 |
| 22 | 201-12859 | Stop Coil Assembly | 3 |
| 23 | 300-05575 | Frame - Side | 2 |
| 24 | 200-12060 | Spacer Plate | 1 |
| 25 | 201-07792 | Detent Assy. | 1 |

### STANDARD HARDWARE

Ⓐ = #4-40 x 5/8 Skt. H. Cap S.

Ⓑ = #4-40 Hex. Nut (Keps)

Ⓒ = #8-32 x 1/4 Sl. Hex Wr. H.M.S.

Ⓓ = #10-32 x 2" Sems. Sl. Hex Wr. H.M.S.

Ⓔ = #10-32 x 2" Sl. Hex Wr. H.M.S.

Ⓕ = #8-32 x 1/2 Sems. Sl. Hex Wr. H.M.S.

Ⓖ = #6 M.S. Washer

Ⓗ = #6-32 x 1/4 Sems. Sl. Hex Wr. H.M.S.

Ⓙ = #6-32 x 3/8 Sems. Sl. Hex Wr. H.M.S.

Ⓚ = #8 M.S. Washer

(See STANDARD PARTS Section)

# DIFFERENCE DATA SHEETS

# DIFFERENCE DATA SHEET 10A

WALL-ETTE MODEL WRA

SERVICE INSTRUCTIONS FOR THE MODEL WRA WALL-ETTE ARE IDENTICAL TO THE INSTRUCTIONS FOR THE MODEL WRB WALL-ETTE EXCEPT FOR SPECIFIC DIFFERENCES NOTED IN THIS DIFFERENCE DATA SHEET.

## EQUIPMENT DESCRIPTION. (Section I)

a. The Model WRA will accept nickels, dimes and quarters only.

## ADDED FEATURES. (Section IV)

a. The Model WRA does not contain provisions for a bonus relay or a bonus relay switch.

## PRICE OF PLAY PROGRAMMING CHART. (Section IV)

a. For Model WRA Price of Play Programming Chart refer to page 10A-3

## SCHEMATIC. (Section VIII)

a. For Model WRA schematic refer to page 10A-5

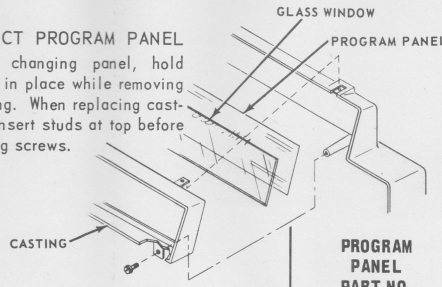
## CONSOLE WIRING DIAGRAM. (Section VIII)

a. For Model WRA Console wiring diagram refer to page 10A-7.

# WRA WALL CONSOLE PRICE OF PLAY PROGRAMMING PROCEDURE

**SELECT PROGRAM PANEL**

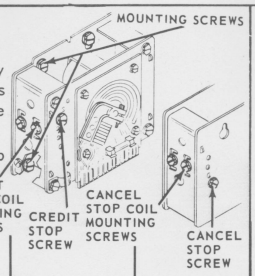
When changing panel, hold glass in place while removing casting. When replacing casting, insert studs at top before driving screws.

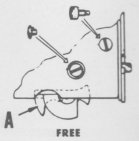



**ADJUST CREDIT UNIT**

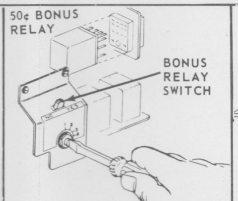
Credit Unit can be removed by loosening 3 mounting screws and lifting free of keyhole slots.

Position stop coils and stop screws as indicated.



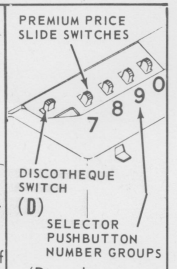

To block nickel diverter, place diverter "A" in position as shown and transpose screws.




SET CREDIT PRICE SWITCH as indicated.

**BONUS RELAY PROVISION.**

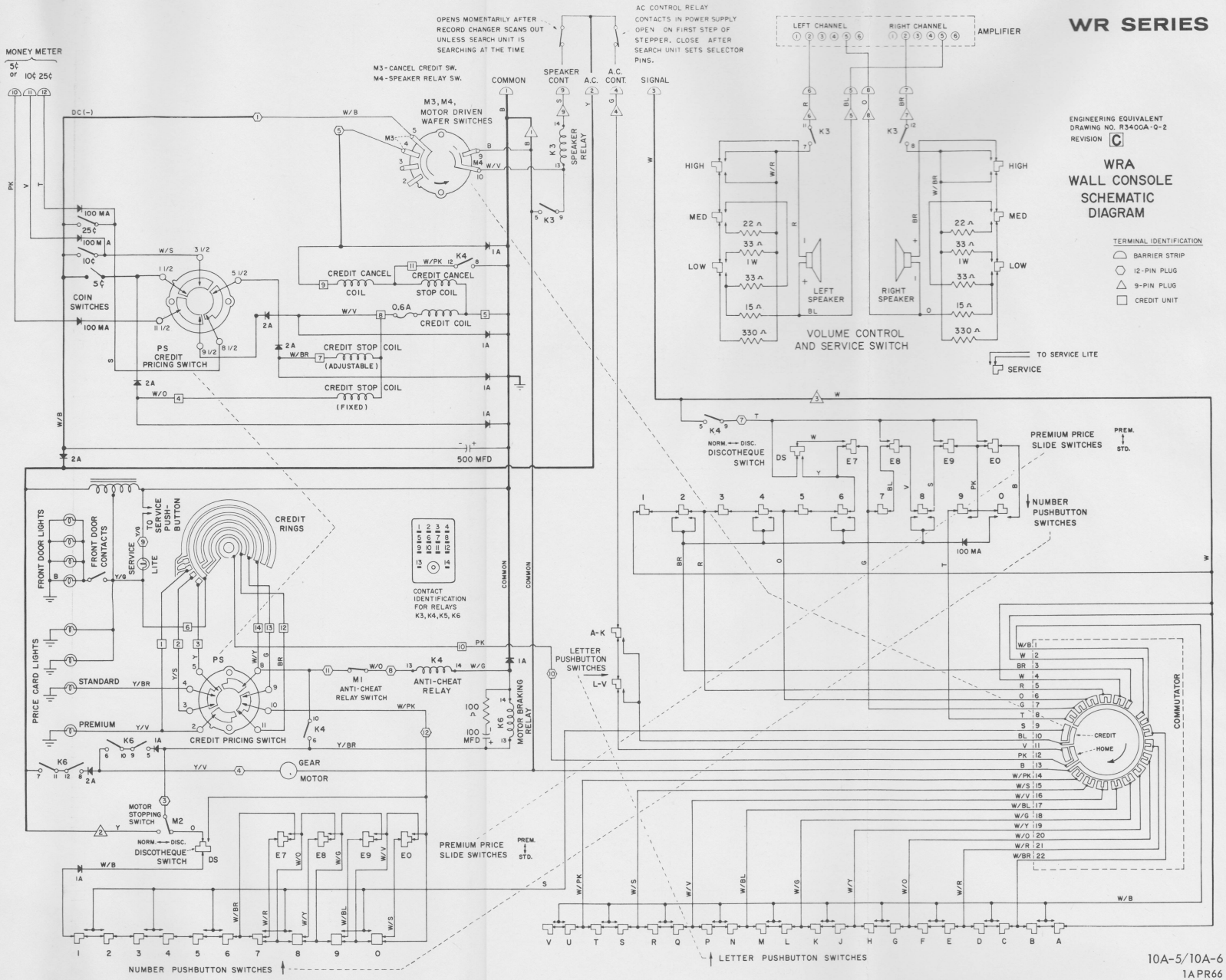
Install relay if required and set switch in yes or no position.



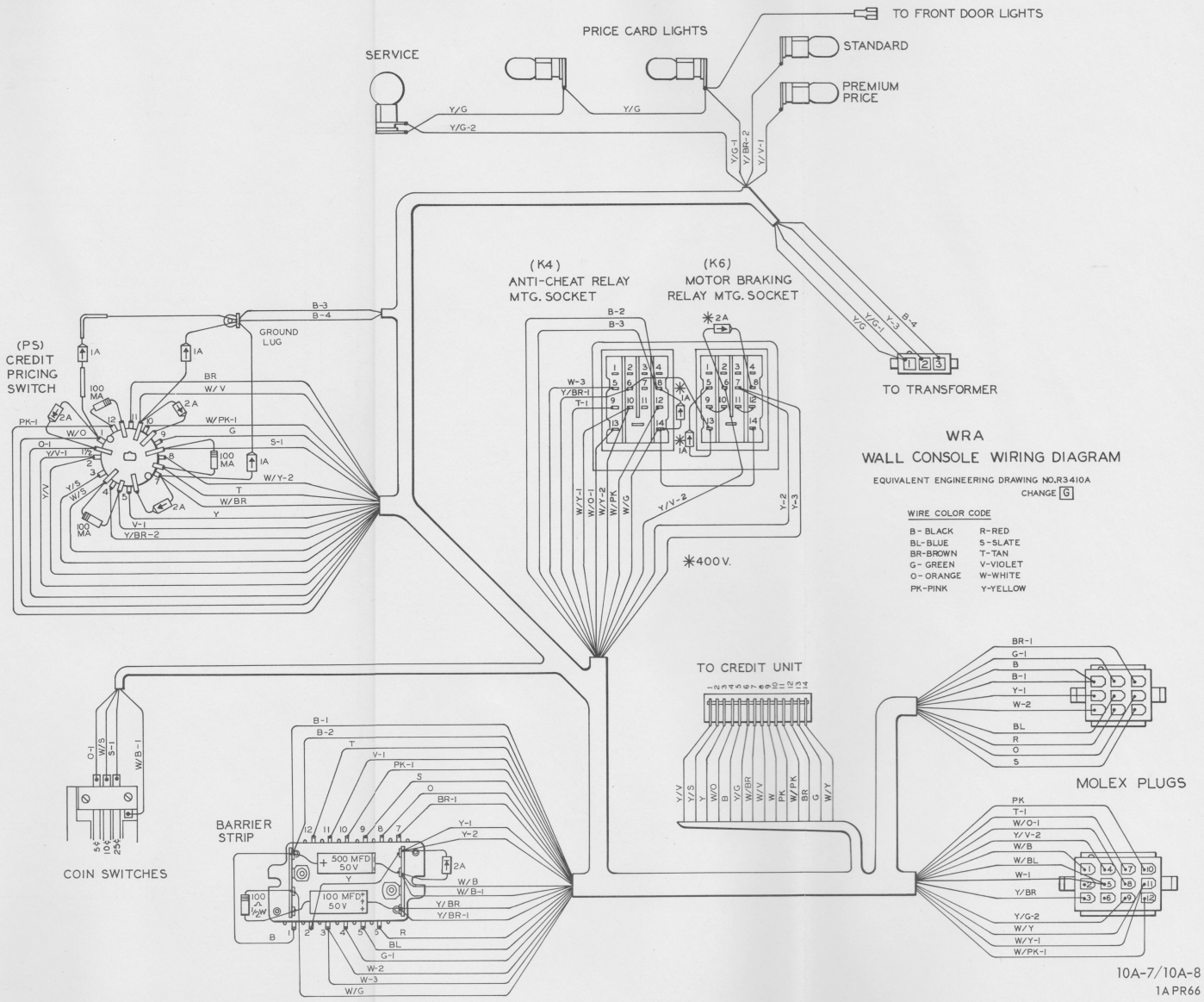

(Discotheque position makes all selections premium priced)

| | PROGRAM PANEL PART NO. | CREDIT STOP COIL Slot No.— (4 3 2) | CREDIT STOP SCREW Hole No.— (9 8 7 6 5 4 3 2) | CANCEL STOP COIL Slot No.— (2 1) | CANCEL STOP SCREW Hole No.— (4 3 2 1) | FREE / BLOCKED | SET CREDIT PRICE SWITCH as indicated | BONUS RELAY PROVISION | PREMIUM PRICE SLIDE SWITCHES |
|---|---|---|---|---|---|---|---|---|---|
| STANDARD SELECTIONS: 1 PLAY DIME OR 2 NICKELS, 3 PLAYS QUARTER — MAKE STANDARD SELECTION<br>SPECIAL SELECTIONS: 1 PLAY QUARTER — MAKE ANY SELECTION | 301-05724 (factory standard) | 3 | 3 | 1 | 3 | FREE | 1 or 4 | NO PROVISION FOR BONUS RELAY IN WRA | NORMAL |
| 1 PLAY DIME OR TWO NICKELS, 3 PLAYS QUARTER — MAKE ANY SELECTION / MAKE ANY SELECTION | 300-65056 | 3 | 3 | 1 | 3 | FREE | 1 or 4 | | NORMAL |
| STANDARD SELECTIONS: 1 PLAY DIME OR TWO NICKELS, 4 PLAYS QUARTER — MAKE STANDARD SELECTION<br>SPECIAL SELECTIONS: 1 PLAY (PLUS 1 STANDARD PLAY) QUARTER — MAKE ANY SELECTION | 300-65057 | 4 | 4 | 1 | 3 | FREE | 1 or 4 | | NORMAL |
| 1 PLAY DIME OR TWO NICKELS, 4 PLAYS QUARTER — MAKE ANY SELECTION / MAKE ANY SELECTION | 300-65058 | 4 | 4 | 1 | 3 | FREE | 1 or 4 | | NORMAL |
| STANDARD SELECTIONS: 1 PLAY NICKEL, 2 PLAYS DIME OR TWO NICKELS, 6 PLAYS QUARTER — MAKE STANDARD SELECTION<br>SPECIAL SELECTIONS: 1 PLAY DIME OR TWO NICKELS, 3 PLAYS QUARTER — MAKE ANY SELECTION | 300-65059 | 2 | 6 | 1 | 2 | BLOCKED | 2 | | NORMAL |
| 1 PLAY NICKEL, 2 PLAYS DIME OR TWO NICKELS, 6 PLAYS QUARTER — MAKE ANY SELECTION / MAKE ANY SELECTION | 300-65060 | 2 | 6 | 1 | 3 | BLOCKED | 2 | | NORMAL |
| 1 PLAY NICKEL, 2 PLAYS DIME OR TWO NICKELS, 5 PLAYS QUARTER — MAKE ANY SELECTION / MAKE ANY SELECTION | 300-65061 | 2 | 5 | 1 | 3 | BLOCKED | 2 | | NORMAL |
| 1 PLAY DIME OR TWO NICKELS, 5 PLAYS QUARTER — MAKE ANY SELECTION / MAKE ANY SELECTION | 300-65062 | 3 | 5 | 1 | 3 | FREE | 4 | | NORMAL |
| STANDARD SELECTIONS: 1 PLAY DIME OR TWO NICKELS, 3 PLAYS QUARTER — MAKE STANDARD SELECTION<br>SPECIAL SELECTIONS: 1 PLAY 15¢, 2 PLAYS QUARTER — MAKE ANY SELECTION | 300-65063 | 2 | 6 | 2 | 3 | BLOCKED | 3 | | NORMAL |
| 1 PLAY 15¢, 2 PLAYS QUARTER — MAKE ANY SELECTION | 300-65064 | 2 | 6 | 1 | 3 | BLOCKED | 3 | | DISCOTHEQUE |

# WR SERIES




10A-5/10A-6
1APR66




10A-7/10A-8
1APR66

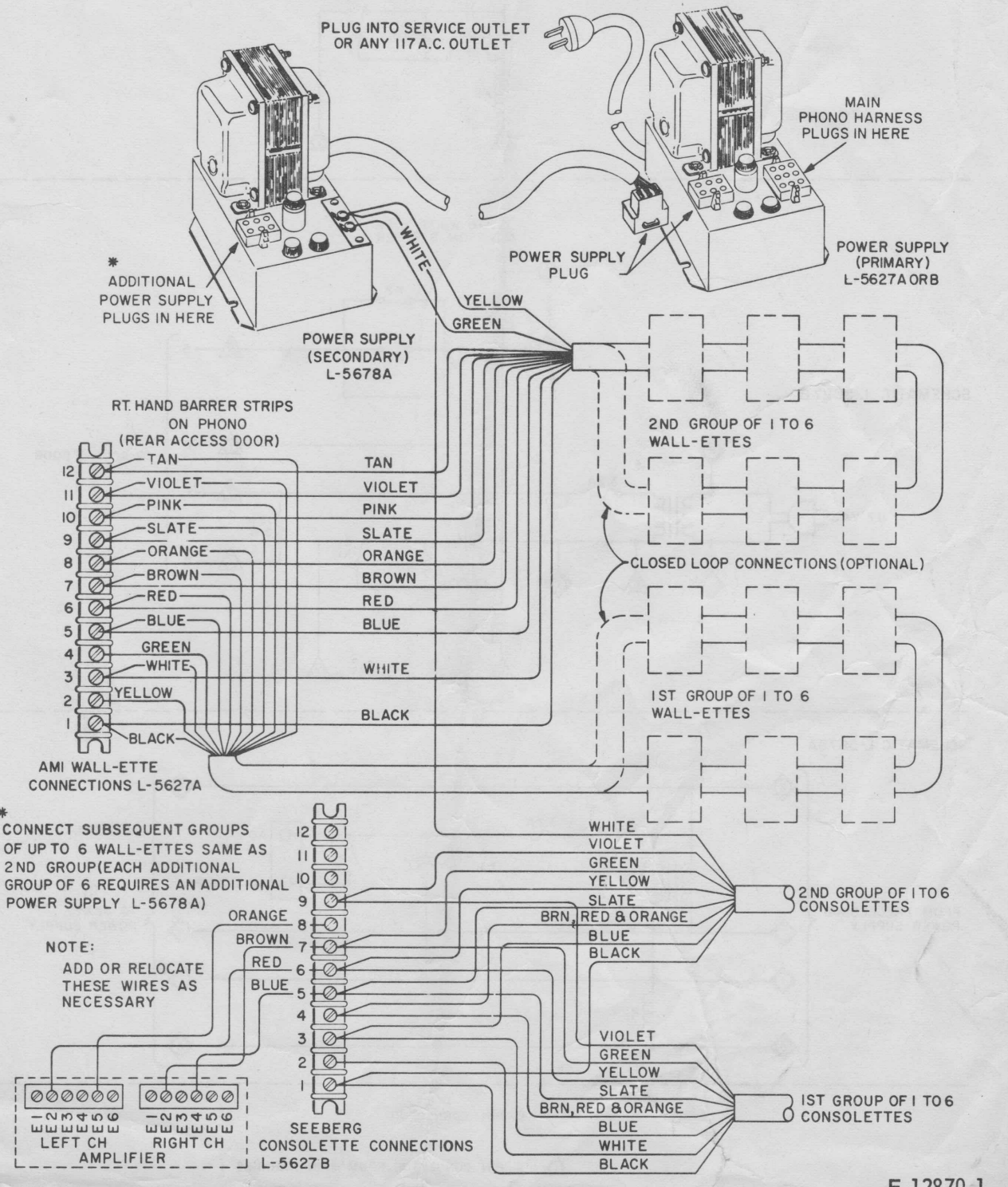
ROWE AC MANUFACTURING
Division of Automatic Canteen Company of America
SALES Troy Hills Rd., Whippany, N.J.
FACTORY 1500 Union Ave., S.E., Grand Rapids, Mich.

Litho in U.S.A

**ROWE international, inc.**
A SUBSIDIARY OF TRIANGLE INDUSTRIES, INC.
1500 UNION AVE. S.E., GRAND RAPIDS, MICH. 49502, TEL. (616) 243-3633

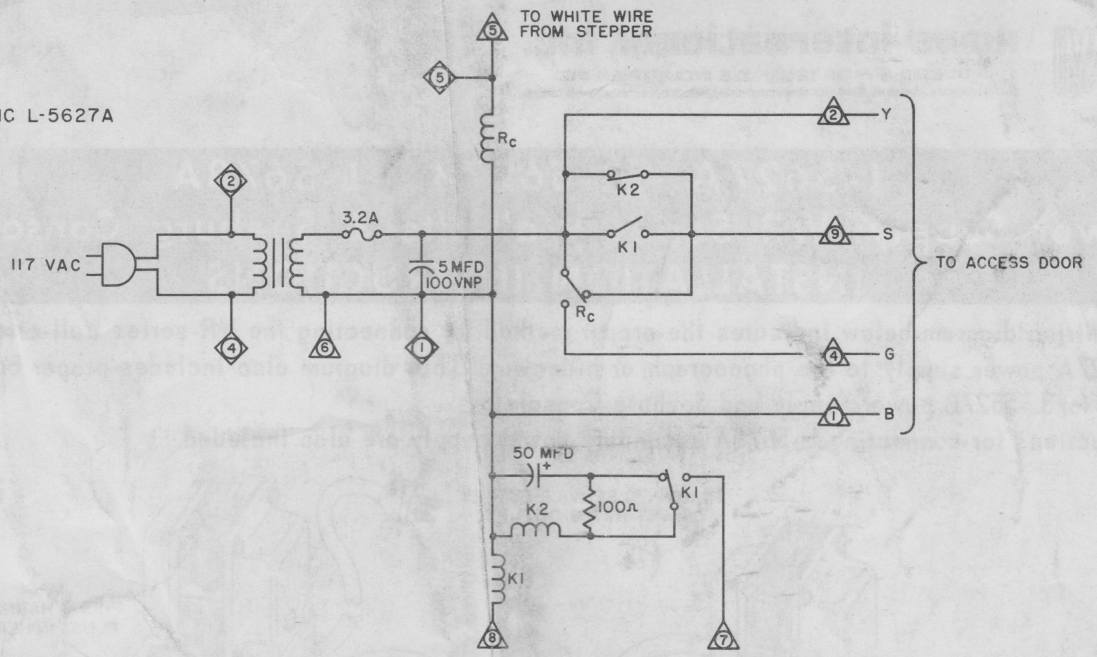
# L-5627A - L-5627B - L-5678A
# Power Supply; WR Series Wall-Ette- & Seeburg Consolettes
# INSTALLATION INSTRUCTIONS

The Wiring diagram below indicates the proper method for connecting the WR-series Wall-ettes and L-5627A power supply to the phonograph or hideaway. This diagram also includes proper connections for L-5627B power supply and Seeburg Consolettes.
Instructions for connecting L-5678A secondary power supply are also included.

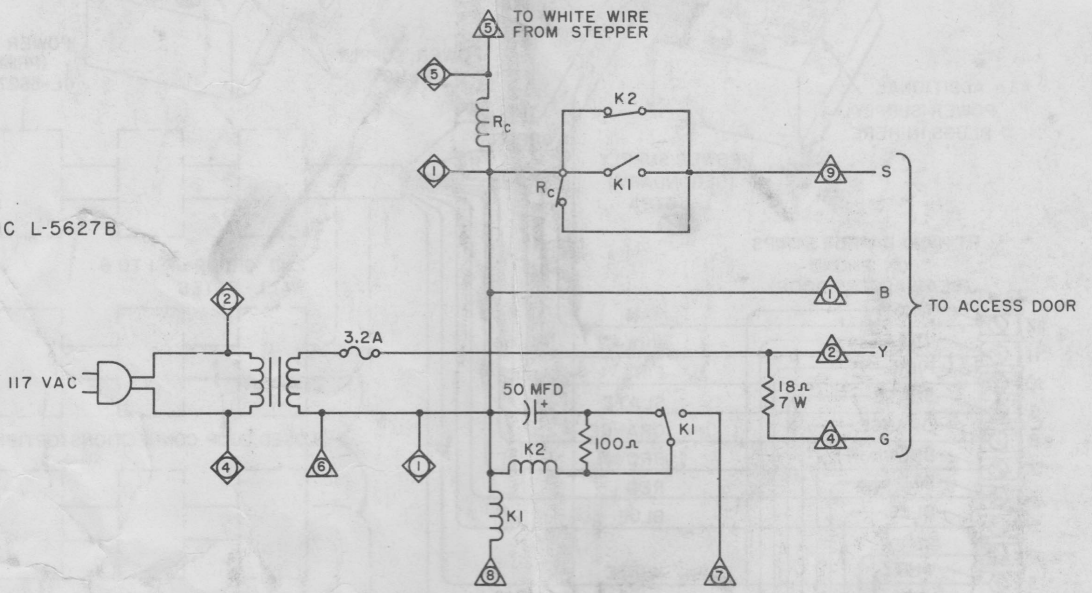



F-12870-1

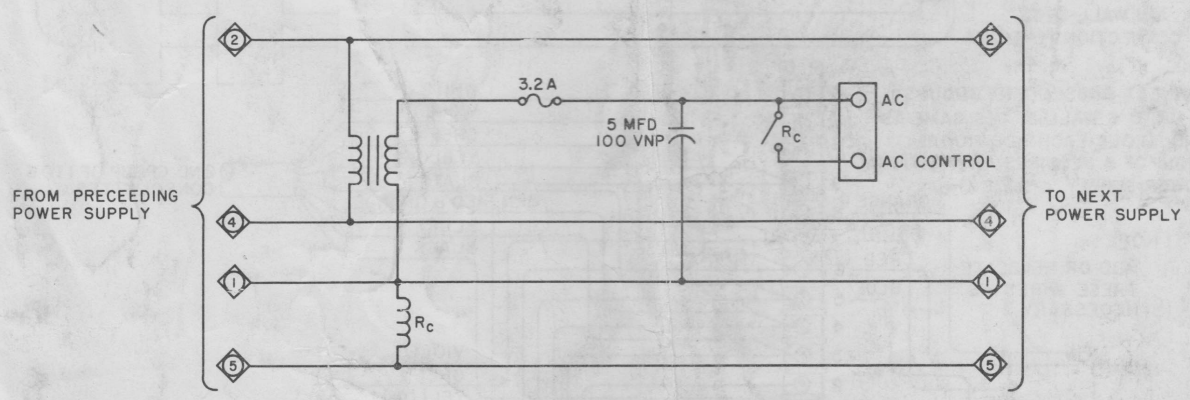
SCHEMATIC L-5627A




SCHEMATIC L-5627B



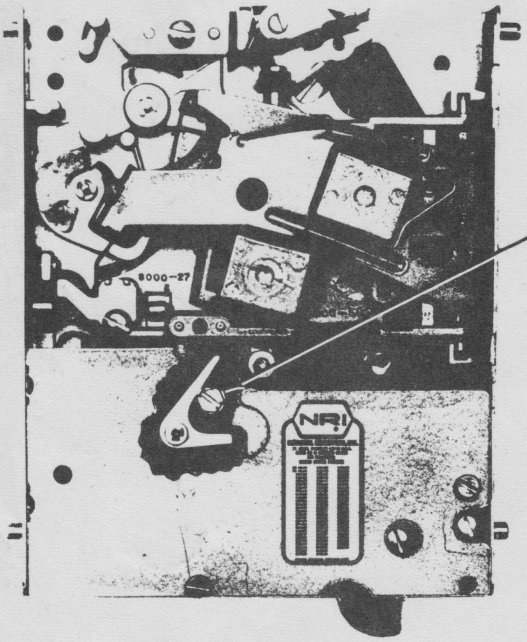

SCHEMATIC L-5678A




6 PIN CONNECTOR

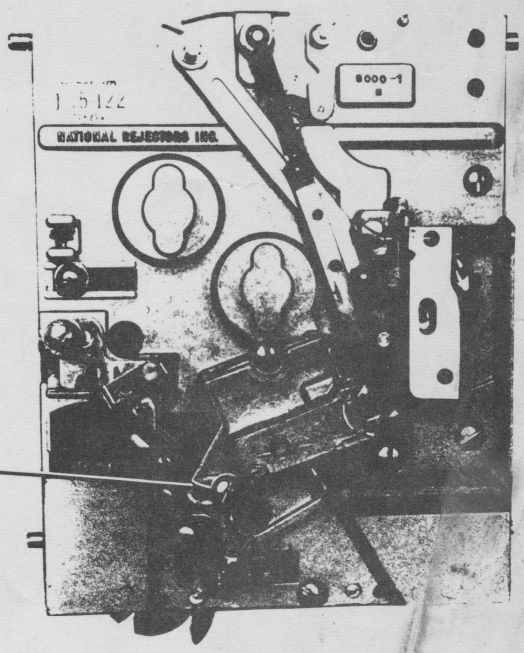
9 PIN CONNECTOR FROM MAIN HARNESS

# SUPPLEMENT TO:
# PRICE OF PLAY PROGRAMMING PROCEDURE
# (WRA ONLY)




Block-out screw added to reject nickels (or remove screw to accept nickels).

Move this screw to right to reject dimes (or just far enough to left to accept dimes).




FRONT VIEW

REAR VIEW

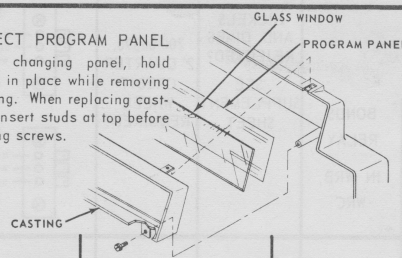
F-12899

Rowe AMI

# PRICE OF PLAY PROGRAMMING PROCEDURE - WR SERIES WALL CONSOLE

**SELECT PROGRAM PANEL**

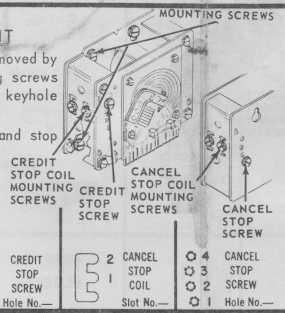
When changing panel, hold glass in place while removing casting. When replacing casting, insert studs at top before driving screws.



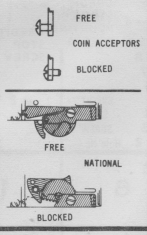

**ADJUST CREDIT UNIT**

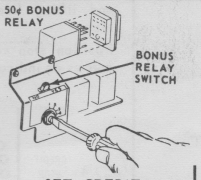
Credit Unit can be removed by loosening 3 mounting screws and lifting free of keyhole slots.

Position stop coils and stop screws as indicated.

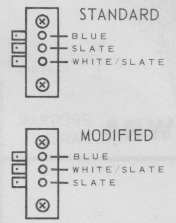



**NICKEL DIVERTER IN WRA, WRC**




**MOVE WIRES ON WRB COIN SWITCHES**

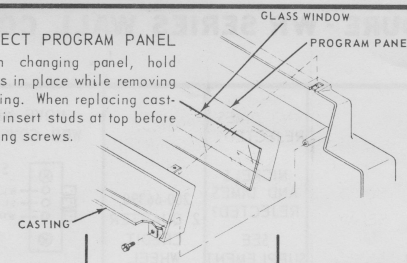



| **WRA** PROGRAM PANEL | **WRB** PROGRAM PANEL | **WRC** PROGRAM PANEL | CREDIT STOP COIL Slot No.— | CREDIT STOP SCREW Hole No.— | CANCEL STOP COIL Slot No.— | CANCEL STOP SCREW Hole No.— | NICKEL DIVERTER IN WRA, WRC | SET CREDIT PRICE SWITCH AS INDICATED — WRA, WRB | SET CREDIT PRICE SWITCH AS INDICATED — WRC | BONUS RELAY IN WRB, WRC | NICKELS AND DIMES REJECTED? SEE SUPPLEMENT SHEET | 200-66390, 2 QUARTER CREDIT WHEEL REQUIRED? | MOVE WIRES ON WRB COIN SWITCHES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STANDARD SELECTIONS 1 PLAY DIME OR 2 NICKELS 3 PLAYS QUARTER<br>ALBUM SELECTIONS 1 PLAY QUARTER<br>H-5724A | STANDARD SELECTIONS 1 PLAY DIME 3 PLAYS QUARTER 7 PLAYS HALF DOLLAR<br>ALBUM SELECTIONS 1 PLAY QUARTER 2 PLAYS (PLUS 1 STANDARD PLAY) HALF DOLLAR<br>H-5724B | STANDARD SELECTIONS 1 PLAY DIME OR 2 NICKELS 3 PLAYS QUARTER 7 PLAYS HALF DOLLAR<br>ALBUM SELECTIONS 1 PLAY QUARTER 2 PLAYS (PLUS 1 STANDARD PLAY) HALF DOLLAR<br>H-5724C | 3 | 7 | 1 | 3 | FREE | 1 | 1 & 6 | NO | NO | NO | NO |
| | STANDARD SELECTIONS 1 PLAY DIME 3 PLAYS QUARTER 6 PLAYS HALF DOLLAR<br>ALBUM SELECTIONS 1 PLAY QUARTER 2 PLAYS HALF DOLLAR<br>H-65066 | STANDARD SELECTIONS 1 PLAY DIME OR 2 NICKELS 3 PLAYS QUARTER 6 PLAYS HALF DOLLAR<br>ALBUM SELECTIONS 1 PLAY QUARTER 2 PLAYS HALF DOLLAR<br>H-65210 | 3 | 6 | 1 | 3 | FREE | 1 | 1 & 6 | NO | NO | NO | NO |
| 1 PLAY DIME OR 2 NICKELS 5 PLAYS QUARTER<br>H-65062 | 1 PLAY DIME 5 PLAYS QUARTER 11 PLAYS HALF DOLLAR<br>H-65074 | 1 PLAY DIME OR 2 NICKELS 5 PLAYS QUARTER 11 PLAYS HALF DOLLAR<br>H-65205 | 3 | 5 | 1 | 1 | FREE | 4 | 1 & 7 | YES | NO | NO | NO |
| STANDARD SELECTIONS 1 PLAY DIME OR TWO NICKELS 4 PLAYS QUARTER<br>ALBUM SELECTIONS 1 PLAY (PLUS 1 STANDARD PLAY) QUARTER<br>H-65057 | STANDARD SELECTIONS 1 PLAY DIME 4 PLAYS QUARTER 9 PLAYS HALF DOLLAR<br>ALBUM SELECTIONS 1 PLAY (PLUS 1 STANDARD PLAY) QUARTER 3 PLAYS HALF DOLLAR<br>H-65068 | STANDARD SELECTIONS 1 PLAY DIME OR 2 NICKELS 4 PLAYS QUARTER 9 PLAYS HALF DOLLAR<br>ALBUM SELECTIONS 1 PLAY QUARTER 3 PLAYS HALF DOLLAR<br>H-65204 | 4 | 9 | 1 | 3 | FREE | 1 | 1 & 6 | NO | NO | NO | NO |
| | | STANDARD SELECTIONS 1 PLAY DIME OR 2 NICKELS 5 PLAYS QUARTER 11 PLAYS HALF DOLLAR<br>ALBUM SELECTIONS 1 PLAY 20¢ 2 PLAYS QUARTER PLUS ONE STANDARD 6 PLAYS HALF DOLLAR<br>H-65206 | 3 | 5 | 1 | 2 | FREE | | 5 & 7 | YES | NO | NO | NO |
| | | STANDARD SELECTIONS 1 PLAY NICKEL 2 PLAYS DIME 6 PLAYS QUARTER 11 PLAYS HALF DOLLAR<br>ALBUM SELECTIONS 1 PLAY DIME OR 2 NICKELS 2 PLAYS QUARTER PLUS ONE STANDARD 6 PLAYS HALF DOLLAR<br>H-65207 | 2 | 5 | 1 | 2 | BLOCKED | 2 | 5 & 6 | YES | NO | NO | NO |
| STANDARD SELECTIONS 1 PLAY NICKEL 2 PLAYS DIME OR TWO NICKELS 6 PLAYS QUARTER<br>ALBUM SELECTIONS 1 PLAY DIME OR TWO NICKELS 3 PLAYS QUARTER<br>H-65059 | STANDARD SELECTIONS 2 PLAYS DIME 3 PLAYS QUARTER 13 PLAYS HALF DOLLAR<br>ALBUM SELECTIONS 1 PLAY DIME 3 PLAYS QUARTER 7 PLAYS HALF DOLLAR<br>H-65071 | STANDARD SELECTIONS 1 PLAY NICKEL 2 PLAYS DIME OR 2 NICKELS 6 PLAYS QUARTER 13 PLAYS HALF DOLLAR<br>ALBUM SELECTIONS 1 PLAY DIME OR 2 NICKELS 3 PLAYS QUARTER 7 PLAYS HALF DOLLAR<br>H-65208 | 2 | 6 | 1 | 2 | BLOCKED | 2 | 5 & 8 | YES | NO | NO | NO |
| 1 PLAY DIME OR 2 NICKELS 3 PLAYS QUARTER<br>H-65056 | 1 PLAY DIME 3 PLAYS QUARTER 7 PLAYS HALF DOLLAR<br>H-65065 | 1 PLAY DIME 3 PLAYS QUARTER 7 PLAYS HALF DOLLAR<br>H-65065 | 3 | 7 | 1 | 1 | FREE | 1 | 1 & 6 | NO | NO | NO | NO |
| | | STANDARD SELECTIONS 1 PLAY 15¢ 2 PLAYS QUARTER 5 PLAYS HALF DOLLAR<br>ALBUM SELECTIONS 1 PLAY QUARTER 3 PLAYS HALF DOLLAR<br>H-65211 | 2 | 6 | 3 | 6 | BLOCKED | | 4 & 8 | YES | NO | NO | |
| STANDARD SELECTIONS 2 PLAYS QUARTER<br>ALBUM SELECTIONS 1 PLAY QUARTER<br>H-65266 | STANDARD SELECTIONS 2 PLAYS QUARTER 5 PLAYS HALF DOLLAR<br>ALBUM SELECTIONS 1 PLAY QUARTER 2 PLAYS (PLUS 1 STANDARD PLAY) HALF DOLLAR<br>H-65232 | STANDARD SELECTIONS 2 PLAYS QUARTER 5 PLAYS HALF DOLLAR<br>ALBUM SELECTIONS 1 PLAY QUARTER 2 PLAYS (PLUS 1 STANDARD PLAY) HALF DOLLAR<br>H-65232 | 2 | 5 | 1 | 2 | FREE OR BLOCKED | 2 | 5 & 6 | NO | YES | NO | YES |
| | STANDARD SELECTIONS 2 PLAYS QUARTER 5 PLAYS HALF DOLLAR OR 2 QUARTERS<br>ALBUM SELECTIONS 1 PLAY QUARTER 2 PLAYS (PLUS 1 STANDARD PLAY) HALF DOLLAR OR 2 QUARTERS<br>H-65257 | STANDARD SELECTIONS 2 PLAYS QUARTER 5 PLAYS HALF DOLLAR OR 2 QUARTERS<br>ALBUM SELECTIONS 1 PLAY QUARTER 2 PLAYS (PLUS 1 STANDARD PLAY) HALF DOLLAR OR 2 QUARTERS<br>H-65257 | 3 | 6 | 1 | 2 | FREE OR BLOCKED | 2 | 5 & 6 | NO | YES | YES | YES |

F-12898

## SELECT PROGRAM PANEL

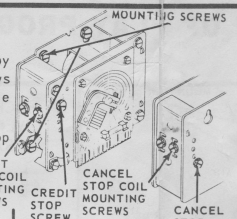
When changing panel, hold glass in place while removing casting. When replacing casting, insert studs at top before driving screws.




## ADJUST CREDIT UNIT

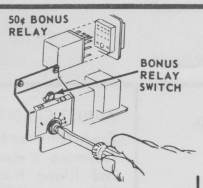
Credit Unit can be removed by loosening 3 mounting screws and lifting free of keyhole slots.

Position stop coils and stop screws as indicated.

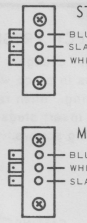



## NICKEL DIVERTER IN WRA, WRC

## 50¢ BONUS RELAY




## MOVE WIRES ON WRB COIN SWITCHES




| **WRA** PROGRAM PANEL | **WRB** PROGRAM PANEL | **WRC** PROGRAM PANEL | CREDIT STOP COIL Slot No.— (4 3 2) | CREDIT STOP SCREW Hole No.— (9 8 7 6 5 4 3 2) | CANCEL STOP COIL Slot No.— (2 1) | CANCEL STOP SCREW Hole No.— (4 3 2 1) | NICKEL DIVERTER IN WRA, WRC | SET CREDIT PRICE SWITCH AS INDICATED — WRA, WRB | SET CREDIT PRICE SWITCH AS INDICATED — WRC | BONUS RELAY IN WRB, WRC | NICKELS AND DIMES REJECTED? SEE SUPPLEMENT SHEET | 200-66390, 2 QUARTER CREDIT WHEEL REQUIRED? | MOVE WIRES ON WRB COIN SWITCHES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 PLAYS QUARTER<br>5 PLAYS HALF DOLLAR OR 2 QUARTERS<br>H-65259 | 2 PLAYS QUARTER<br>5 PLAYS HALF DOLLAR OR 2 QUARTERS<br>H-65259 | 3 | 6 | 1 | 1 | FREE OR BLOCKED | 2 | 5 & 6 | NO | YES | YES | YES |
| | STANDARD SELECTIONS 2 PLAYS QUARTER 6 PLAYS HALF DOLLAR OR 2 QUARTERS<br>ALBUM SELECTIONS 1 PLAY QUARTER 3 PLAYS HALF DOLLAR OR 2 QUARTERS<br>H-65261 | STANDARD SELECTIONS 2 PLAYS QUARTER 6 PLAYS HALF DOLLAR OR 2 QUARTERS<br>ALBUM SELECTIONS 1 PLAY QUARTER 3 PLAYS HALF DOLLAR OR 2 QUARTERS<br>H-65261 | 4 | 8 | 1 | 2 | FREE OR BLOCKED | 2 | 5 & 6 | NO | YES | YES* | YES |
| | 2 PLAYS QUARTER<br>6 PLAYS HALF DOLLAR OR 2 QUARTERS<br>H-65263 | 2 PLAYS QUARTER<br>6 PLAYS HALF DOLLAR OR 2 QUARTERS<br>H-65263 | 4 | 8 | 1 | 1 | FREE OR BLOCKED | 2 | 5 & 6 | NO | YES | YES* | YES |
| | 3 PLAYS QUARTER<br>6 PLAYS HALF DOLLAR<br>H-65272 | 3 PLAYS QUARTER<br>6 PLAYS HALF DOLLAR<br>H-65272 | 3 | 6 | 1 | 1 | FREE OR BLOCKED | 2 | 5 & 6 | NO | YES | NO | YES |
| 2 PLAYS QUARTER<br>H-65271 | 2 PLAYS QUARTER<br>5 PLAYS HALF DOLLAR<br>H-65233 | 2 PLAYS QUARTER<br>5 PLAYS HALF DOLLAR<br>H-65233 | 2 | 5 | 1 | 1 | FREE OR BLOCKED | 2 | 5 & 6 | NO | YES | NO | YES |
| STANDARD SELECTIONS 1 PLAY DIME OR TWO NICKELS 3 PLAYS QUARTER<br>ALBUM SELECTIONS 1 PLAY 15¢ 2 PLAYS QUARTER<br>H-65063 | STANDARD SELECTIONS 1 PLAY DIME 3 PLAYS QUARTER 7 PLAYS HALF DOLLAR<br>ALBUM SELECTIONS 2 PLAYS QUARTER 5 PLAYS HALF DOLLAR<br>H-65075 | STANDARD SELECTIONS 1 PLAY DIME OR 2 NICKELS 3 PLAYS QUARTER 7 PLAYS HALF DOLLAR<br>ALBUM SELECTIONS 1 PLAY 15¢ 2 PLAYS QUARTER 5 PLAYS HALF DOLLAR<br>H-65209 | 2 | 6 | 2 | 3 | BLOCKED | 3 | 2 & 8 | YES | NO | NO | NO |
| STANDARD SELECTIONS 2 PLAYS QUARTER 5 PLAYS 2 QUARTERS<br>ALBUM SELECTIONS 1 PLAY QUARTER 2 PLAYS (PLUS 1 STANDARD PLAY) 2 QUARTERS<br>H-65256 | STANDARD SELECTIONS 2 PLAYS QUARTER 5 PLAYS 2 QUARTERS<br>ALBUM SELECTIONS 1 PLAY QUARTER 2 PLAYS (PLUS 1 STANDARD PLAY) 2 QUARTERS<br>H-65256 | STANDARD SELECTIONS 2 PLAYS QUARTER 5 PLAYS 2 QUARTERS<br>ALBUM SELECTIONS 1 PLAY QUARTER 2 PLAYS (PLUS 1 STANDARD PLAY) 2 QUARTERS<br>H-65256 | 3 | 3 | 1 | 2 | FREE OR BLOCKED | 2 | 5 & 6 | NO | YES | YES | YES |
| QUARTER.....2 PLAYS<br>2 QUARTERS.....5 PLAYS<br>4 QUARTERS.....11 PLAYS<br>H-65269 | QUARTER.....2 PLAYS<br>2 QUARTERS.....5 PLAYS<br>4 QUARTERS.....11 PLAYS<br>H-65269 | QUARTER.....2 PLAYS<br>2 QUARTERS.....5 PLAYS<br>4 QUARTERS.....11 PLAYS<br>H-65269 | 3 | 3 | 1 | 1 | FREE OR BLOCKED | 2 | 5 & 6 | NO | YES | YES | YES |
| 2 PLAYS QUARTER<br>5 PLAYS 2 QUARTERS<br>H-65258 | 2 PLAYS QUARTER<br>5 PLAYS 2 QUARTERS<br>H-65258 | 2 PLAYS QUARTER<br>5 PLAYS 2 QUARTERS<br>H-65258 | 3 | 3 | 1 | 1 | FREE OR BLOCKED | 2 | 5 & 6 | NO | YES | YES | YES |
| STANDARD SELECTIONS 2 PLAYS QUARTER 6 PLAYS 2 QUARTERS<br>ALBUM SELECTIONS 1 PLAY QUARTER 3 PLAYS 2 QUARTERS<br>H-65260 | STANDARD SELECTIONS 2 PLAYS QUARTER 6 PLAYS 2 QUARTERS<br>ALBUM SELECTIONS 1 PLAY QUARTER 3 PLAYS 2 QUARTERS<br>H-65260 | STANDARD SELECTIONS 2 PLAYS QUARTER 6 PLAYS 2 QUARTERS<br>ALBUM SELECTIONS 1 PLAY QUARTER 3 PLAYS 2 QUARTERS<br>H-65260 | 4 | 4 | 1 | 2 | FREE OR BLOCKED | 2 | 5 & 6 | NO | YES | YES* | YES |
| QUARTER.....2 PLAYS<br>2 QUARTERS.....6 PLAYS<br>4 QUARTERS.....14 PLAYS<br>H-65270 | QUARTER.....2 PLAYS<br>2 QUARTERS.....6 PLAYS<br>4 QUARTERS.....14 PLAYS<br>H-65270 | QUARTER.....2 PLAYS<br>2 QUARTERS.....6 PLAYS<br>4 QUARTERS.....14 PLAYS<br>H-65270 | 4 | 4 | 1 | 1 | FREE OR BLOCKED | 2 | 5 & 6 | NO | YES | YES* | YES |
| 2 PLAYS QUARTER<br>6 PLAYS 2 QUARTERS<br>H-65272 | 2 PLAYS QUARTER<br>6 PLAYS 2 QUARTERS<br>H-65272 | 2 PLAYS QUARTER<br>6 PLAYS 2 QUARTERS<br>H-65272 | 4 | 4 | 1 | 1 | FREE OR BLOCKED | 2 | 5 & 6 | NO | YES | YES* | YES |

REV 12-4-70

*ADJUST CREDIT UNIT WIPER TO MINUS ONE CREDIT WHEN CREDIT WHEEL IS TURNED ALL THE WAY COUNTER-CLOCKWISE.